

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

1301
Fifty-sixth Autumn Edition

LIBRARY
RECEIVED

★
U. S. Department of Agriculture.



Flowering Bulbs

FOR

FALL PLANTING

WM. ELLIOTT & SONS

54 & 56 DEY STREET, NEW YORK

GRASS SEED

For the Lawn, Bowling Green and Golf Links.

Planted now will produce a luxuriant lawn the following Spring.



We Warrant Recleaned Seed of a Fine Grade in all our Mixtures.

Elliott's Central Park.

In this mixture we use only the seeds of the finest and best adapted grasses for Lawn, and we cheerfully recommend this mixture where a rich velvety lawn is required. We are the originators of this celebrated brand, and our mixture should not be confounded with cheap, light-weight mixtures sent out under this name. Price, qt., 20 cts.; pk., \$1.25; bus. of 20 lbs., \$4.50.

Elliott's Bowling Green.

We have selected for this mixture grasses which will produce a hardy, close turf, permitting of close mowing and much hard wear, yet attaining a rich velvety appearance. Recommended for Croquet Lawns, Bowling Greens and, in fact, all situations where a fine lawn is required to withstand very hard wear. Price, qt., 25 cts.; pk., \$1.50; bus. of 20 lbs., \$5.00.

Elliott's Terrace Mixture.

A combination of grasses, producing strong spreading roots suitable for Terrace, Embankments, etc; withstanding drought, thriving in shallow soils and preventing washing out by heavy rains, yet producing a rich velvety turf throughout the season. Price, qt., 30 cts.; pk., \$1.75; bus. of 20 lbs., \$6.

See page 26 for full List of Grass and Clover Seeds.

Elliott's Shady Nook.

Under the shade of trees there are always unsightly bare spots which resist all attempts to get into grass, but may be easily attained with this mixture of grasses, which are naturally adapted to wooded and shaded spots. Price, qt., 30 cts.; pk., \$1.75; bus. of 20 lbs., \$6.00.

Elliott's Emerald.

We put up this mixture to supply the demand for a cheaper grade than our **Central Park** brand. Although this mixture is equal to any offered at the price, we do not recommend it where the best results are wanted. Price, pk., \$1.00; bus. of 20 lbs., \$3.00.

Elliott's Golf Links.

The mixtures we offer below are composed of varieties which will thrive and withstand heavy droughts, and be pleasing to the eye throughout the summer months. It has been sowed on the Cranford Links with flattering results.

SEED FOR PUTTING GREENS: Price, qt., 25 cts.; pk., \$1.50; bus. of 20 lbs., \$5.00.

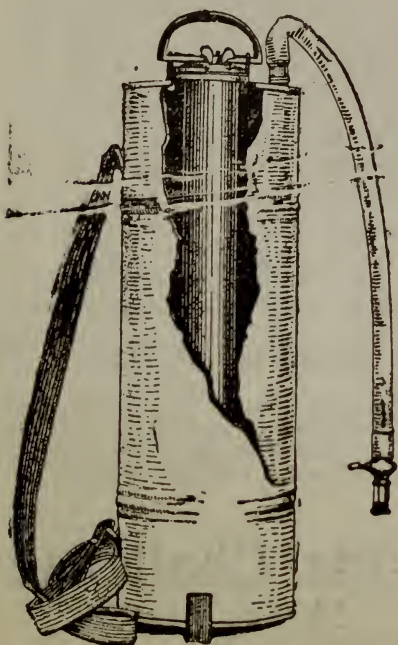
SEED FOR OUTLYING POINTS: Price, bus. of 20 lbs., \$3.00.

THE BEST LAWN FERTILIZER IS ELLIOTT'S INVIGORINE.

"AUTO-SPRAY."

(TRADE MARK.)
Patent applied for in the United States and Canada

A Self-Operating or Automatic Sprayer



The Climax of all Sprayers ; combines every conceivable point of excellence, including economy, durability, low price and ease in Carrying and Operating.

SIMPLICITY OF CONSTRUCTION.

ATTENTION is directed to the rigid handle, which serves as handle for carrying the can ; for plunger rod and for unscrewing the pump from the reservoir, also to the air pump valve, which can be taken apart without moving a screw or fastening of any kind and in less than one second's time, and lastly to the metal top of air pump, which may be attached readily and which can not wear out as in the case of other structures held in position by tacks.

Weight, Empty, 7 lbs.
" Loaded, 39 lbs.
Capacity, about 4 gallons.

Nothing but Galvanized Iron and Solid Brass or Copper used in making the "AUTO-SPRAY" with four-ply rubber hose—nothing to rust or corrode.

DIRECTIONS.

The above cut shows the air chamber and reservoir combined. Fill the reservoir not more than two-thirds full with the solution ready for spraying, insert the air pump at the end of the can, and all is ready for the operation. The sprayer being carried by the shoulder strap leaves both hands of the person operating nothing to do but direct the spray. The spray can be made to flow faster or slower by merely turning the cock of the spraying nozzle, and will throw either a cloud-like shower or a solid stream.

WHAT THE "AUTO-SPRAY" WILL DO.

Eight to ten strokes of plunger in air chamber will compress enough air to discharge the entire contents and make a continuous spray for nine minutes—This means that the "AUTO-SPRAY" can be charged in fifteen seconds, when it will work uninterruptedly long enough to spray a quarter-acre of potatoes.

A BOY CAN DO A MAN'S WORK.

The "AUTO-SPRAY" is light and being carried by a shoulder strap a boy can carry it with ease and CAN COVER TEN TIMES MORE AREA in a day than can be covered with the old style sprayers which require the operator to be constantly pumping in order to do the spraying. The "AUTO-SPRAY" does the work as fast as a man can walk.

AS A MONEY SAVER.

The "AUTO-SPRAY" leads all modern spraying improvements. Less than a week's use will more than save the cost of the sprayer, figuring a man's time at \$1.00 per day, to say nothing of the saving in material. When in use the "AUTO-SPRAY" is perfectly air and water tight, so that there is no slopping or waste and entirely does away with the horror of expecting at any time to get a splash in the face with some poisonous mixture as is the case in using the old style sprayers.



FRUIT CROPS DOUBLED

and in many cases increased five fold by spraying is shown by tests at Government Experimental Station, and by individual orchardmen.

U-O-2

with " (Trade mark) " The Auto-spray

FOR SPRAYING GRAPE VINES, BUSHES, SHRUBS, ETC.

the "AUTO-SPRAY" will do the work of ten ordinary sprayers, as the operator carries the sprayer over his shoulder and as soon as one bush or vine is sprayed moves on to another, whereas the ordinary sprayer has to be set on the ground and the operator has to stop to do the pumping for each separate bush. **Think of this loss of time.** For greenhouses, either for giving plants a shower bath or for applying insecticides you need an "AUTO-SPRAY."

A World Wide Challenge

\$100 cash for one day's work. . . .

\$ 50 cash for one-half day's work.

The accompanying cut shows the "AUTO-SPRAY" in operation in a potato field and we make the above unqualified challenge offer to all comers, for any hand sprayer which will cover more ground more thoroughly than our "AUTO-SPRAY" either for a whole day or a half day's work. Our endeavor is to offer the **best to be had** and if anyone thinks he has any better, or as good, we want to hear from him.

FOR SPRAYING ORCHARDS

there is no equal to the "AUTO-SPRAY." It answers every purpose of the barrel pump with the additional advantage of economy. To spray large trees the supply of solution may be carried to the orchard in a barrel on a wagon and the pump recharged as often as needed. The operator should also stand on wagon to reach ordinary trees and in cases of tall trees an extension rod is supplied. (See cut elsewhere.)



The "AUTO-SPRAY" will throw a spray of equal fineness as far as any pump in the world.

For spraying cattle to keep off flies, etc.

For washing windows.

For washing wagons.

For fire extinguisher.

And various similiar uses the "AUTO-SPRAY" beats them all.

THINK OF SUCH COMFORT

as compared with the old sprinkling cans or the pail and stub of a broom we used to use years ago. Yes! or even the more modern knapsack or other spraying device where you have to keep working like a beaver all the time. No question but that the "AUTO-SPRAY" will make you think you've a new lease of life by saving you time and hard work if you do your spraying as it should be done.



Always Ready Fire Extinguisher.



WE FURNISH A RECEIPT FOR A CHEMICAL SOLUTION

Most effective for putting out fires, the same as used by regular chemical engines. This solution may be kept in the Sprayer any length of time ready for use. A solid stream from the "AUTO-SPRAY" may be thrown to the roof of ordinary houses.

The Sprayer can be thrown over the shoulder and carried with ease up a ladder to reach a defective chimney or to any part of a house or other building in case of fire.

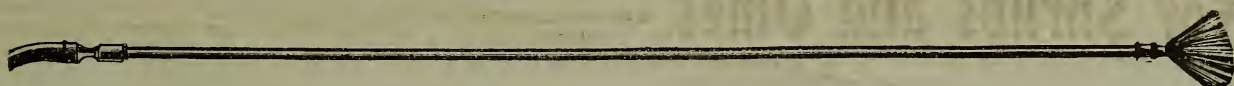
PRICE.

Retail Price of "AUTO-SPRAY," made with Galvanized Iron Reservoir,	-	-	\$5 00
With Solid Copper Reservoir,	-	-	6 50

F. O. B. HERE.

Prices quoted are strictly for cash.

The copper machine is recommended as cheapest in the end, being practically indestructible. The galvanized iron tank will last for several seasons if properly cared for, but in all cases where Copper Sulphate Solution is used in galvanized iron tank, quick lime should be added. The lime neutralizes the Sulphuric acid, which would otherwise attack the zinc on the galvanized iron.



30 cents per piece extra.

For spraying tall trees, we furnish extension piping in 24 inch lengths, each fitted with brass coupling, at 30 cents for each length. Two or three lengths are generally used.

CHEAPNESS.

While the superior quality of all material used in the manufacture of the "AUTO-SPRAY" makes it more expensive than some others, the simplicity of construction enables us to place it on the market within the reach of all. We claim that it is far cheaper, quality considered than any other spraying device before the public.

A CAREFUL COMPARISON

of the "AUTO-SPRAY" point by point with other hand sprayers is all that is needed to convince a man it is the best sprayer made.

\$5.00 CASH OFFER.

If you cannot represent us, do some friend a favor and hand him this circular. We will send you \$5.00 as soon as he has sold three dozen.

COPYRIGHTED 1900.

MANUFACTURED FOR

WM. ELLIOTT & SONS,

54 Dey Street,

NEW YORK CITY.



NEW ERA SPRAYER

PRICES:

Galvanized Reservoir,
\$1.00.

Copper Reservoir.
\$1.50.

F. O. B. Here.



PATENT _____
APPLIED FOR.

New Era Tri-Jet Sprayer

Capacity, one Quart.

THE BEST AND CHEAPEST SPRAYING APPARATUS ON THE MARKET, AT THE PRICE.

More effective than many other sprayers at ten times the cost.

For spraying Potato Vines, Shrubs, Plants and Cattle (to keep off flies) and the interior of henneries; will save the price of the sprayer in a single day's use spraying potatoes.

This sprayer embodies the principles of the ordinary atomizer and is new only in the application of the same to a new use. The advantages are at once apparent to the user. It is the most economical not only because of its low price but because of its great saving of material. The saving in one day's use of Paris Green will pay the first cost of the sprayer.

One quart of liquid in this atomizer will cover more effectively a larger surface than ten quarts in the common sprayer or sprinkler. It is a great saving in labor because when loaded it weighs much less than any other and because the spray is easily made to reach six feet from the operator.

For Shrubs and Vines.

The "New Era" Sprayer is no less adapted to use in treating vines and shrubs of all kinds, such as Rose bushes, Currant Bushes, Grape Vines, etc. The "New Era" Sprayer can also be used in blowing hellebore or other dry powders upon rose bushes, currant bushes, etc., and is more effective than any other blower on the market.

If you cultivate flowers or small fruits, you can't afford to be without the "New Era" Sprayer.

IT IS USED IN THE HENNERY.—There is no sprayer which will accomplish half so much in clearing the "hen house" of lice and other vermin. You can't make hens lay and breed lice at the same time. If you raise hens you can't afford to be without the "New Era" Sprayer.

FOR FLIES ON CATTLE.—It is a well known fact that cows cannot give a good flow of milk in the summer time when they are pestered with flies. From an economical standpoint, as well humane, it is to the interest of every farmer to spray his cattle with cattle oil or some of the many preparations for keeping off flies. The "New Era" Sprayer will do it cheaper and better than any other.

It is Sure Death to Potato Bugs.

In some sections Paris Green is first mixed with flour or land plaster and applied with a sifter. This is not only laborious and costly but the operator is often made ill by breathing the dust charged with the poison. The advantage of our sprayer over that system is obvious. The objection to the use of poisoned water when used in the ordinary sprayer or sprinkler has been the waste of material. It was impossible to thoroughly saturate the vine without wasting ten times as much liquid as would remain to poison the bugs. By the use of the New Era Sprayer a fine cloud-like spray reaches every portion of the vine and leaves it saturated just as foliage appears after a fog. Bugs don't eat a half dozen of leaves before they receive their "death blow." If you raise potatoes you can't afford to be without the New Era Sprayer.

Why our Sprayer is better than others of similar construction:

- 1st. Because the reservoir is galvanized iron and will not corrode or rust.
- 2nd. Because the feeding tubes are zinc and will not corrode or rust.
- 3rd. Because it has three openings and three times the capacity of the ordinary single jet sprayer.
- 4th. Because the sprayer is larger and will spray further.

A careful comparison of the NEW ERA TRI-JET SPRAYER, point by point with other hand sprayers, is all that is needed to convince a man it is "The Best Sprayer Made."

FORMULA

Fish Oil, 2 quarts; Crude Carbolic Acid, 1 pint;
Oil Pennyroyal, 1 ounce; Oil of Tar, 8 ounces.

Mix together and spray with the "NEW ERA." This is especially fine for milch cows and work horses. It should be applied three or four times a week. It is also one of the best remedies for collar gall or cuts, being very healing; also acts as a disinfectant. This formula is worth money to every farmer and the ingredients can be procured at any drug store.

WM. ELLIOTT & SONS'

Catalogue of Bulbs and Flowering Roots FOR FALL PLANTING

ESTABLISHED
1845



SEPTEMBER
1901



NE of the most pleasing and inexpensive pastimes that can be indulged in, one equally interesting and instructive to young or old, is the cultivation of bulbous roots, either in the garden, greenhouse or sitting-room. For indoor blooming, either in pots or glasses, the Hyacinth and Tulip deservedly hold first place. Furnishing a wealth of bright-colored bloom, of delicious fragrance, throughout the dreary Winter months, their presence adds a brightness to the home that is simply charming.

The outdoor display, so captivating in early Spring, never fails to excite enthusiasm. The tiny Snowdrop, the modest Crocus, the dainty Daffodil, the brilliant Tulip, as they pass in succession with advancing Spring, mantle our gardens with prismatic colorings, rarely equaled.

Culture in Glasses.—The best single varieties of Hyacinths should be selected for this mode of culture. Use soft water, adding a little charcoal to keep it pure; fill the glasses so that the base of the bulb will just come in contact with the water. Keep in a dark, cool place until the roots are about six inches long, after which expose gradually to the light and air. Add water occasionally as it evaporates, and should it become impure, change, being careful to avoid injury to the roots. *Amaryllis Formosissima* and many varieties of *Narcissus* can be successfully grown in water.

Culture in Pots.—Select solid heavy bulbs, and plant in rich sandy loam, using for Hyacinths a five or six inch pot for each bulb, and inserting the bulb, so that the top is just level with the surface. Water thoroughly and bury in the open ground to a depth of six inches for several weeks. After this they can be removed to a light and warm location, where they will soon flower. By bringing in a few pots at a time, about two weeks apart, a succession of bloom may be had.

Culture in the Garden.—To secure good results, planting should be done early in the Fall, say from October until November; bulbs do well in ordinary soil, and should be planted from three to four inches below the surface, according to the variety and size of the bulb; protect with a light coating of manure, to regulate temperature. In making your bulb bed, secure a sunny exposure, if possible—the results will be much more satisfactory.

BULBS BY MAIL.—Do not neglect to add postage, as indicated, when bulbs are ordered by mail, otherwise we will be obliged to reduce the quantity sufficiently to cover the cost of mailing. Some few varieties are mailed free at single and dozen rates, but these are so noted. Large quantities go by express or freight, according to instructions.

REMITTANCES.—Remittances may be made AT OUR RISK by Bank Draft, Post Office Money Order, Express Order or Registered Letter. Small amounts may be sent by ordinary mail, and postage stamps can always be used by us to advantage (one and two-cent denominations preferred).



HYACINTHS

Named Single Hyacinths Selected Bulbs.

All named Hyacinths on this and the following page are delivered free in the United States at the uniform price of—

15 cents each; \$1.50 per dozen.

If purchaser pays express or freight charges the price is

12 cents each; \$1.25 per dozen.

Special prices on large quantities.

SINGLE RED.

- Amy.** Deep carmine, close fine spike.
- Gertrude.** Dark rose, fine spike.
- Gigantea.** Delicate rose, immense spike.
- Homerus.** Red, very early.
- Lord Macaulay.** Rosy carmine, extra.
- Norma.** Delicate waxy pink, early, fine truss.
- Sultan's Favorite.** Pink, showy spike of flowers.
- Veronica.** Dark early, large spike.
- Victoria Alexandrina.** Vivid crimson, large bells, fine.

SINGLE WHITE.

- Alba Superbissima.** Pure white, large compact truss.
- Baroness von Thuyll.** Pure white, large compact spike.
- Blanchard.** Pure white, large, early.
- Grandeur a Merveille.** Fine pale blush, immense spike.
- Grand Vedette.** Pure white, large bells, very early.
- La Franchise.** Creamy white, large bells, fine spike.
- La Grandesse.** Pure white, extra fine.
- Mme. Van der Hoop.** Pure waxy white, fine large bells.
- Paix de l'Europe.** Pure white, large truss.
- Voltaire.** Pale waxy blush, good spike.

All Hyacinths on this page delivered free in U. S. at 15 cents each; \$1.50 per dozen.

HYACINTHS—Continued.

SINGLE BLUE.

- Baron von Thuyll.** Bright, dark blue, very large spike.
Bleu Mourant. Deep blue, large handsome truss.
Blondin. Porcelain blue; very early.
Charles Dickens. Lilac, shaded light blue, large truss.
Czar Peter. Pale lavender mauve, large bells and spike.

- Grand Lilas.** Porcelain blue, extra fine.
Grand Maitre. Dark porcelain.
La Peyrouse. Light blue; fine for forcing.
Leonidas. Striped, porcelain blue, handsome spike.
Marie. Dark shaded, large bells, fine spike.
Mimosa. Fine dark purple, large spike.
Regulus. Light blue, with dark stripes, fine spike.

SINGLE YELLOW.

- Alida Jacoba.** Rich canary yellow, fine compact truss.
Anna Carolina. Pure yellow.
Herman. Orange yellow.
King of Holland. Pale yellow, fine spike.

- La Citroniere.** Lemon yellow, large spike, late.
La Pluie d'Or. Pale yellow, good spike.
William III. Apricot yellow; late.

NAMED DOUBLE HYACINTHS—Selected Bulbs.

All named Hyacinths are delivered free in the United States at the uniform price of 15 cents each; \$1.50 per dozen. If forwarded at expense of purchaser the price is 12 cents each; \$1.25 per dozen. SPECIAL PRICES ON LARGE QUANTITIES.

DOUBLE RED.

- Bouquet Tendre.** Deep red, very handsome truss.
Czar Nicholas. Fine clear rose, large bells and spike.
Groot Vorst. Delicate blush, large truss and bells.
Lord Wellington. Blush pink, large bells and spike.
Noble par Merite. Deep rose, fine.
Princess Royal. Dark red, purple eye.
Prince of Orange. Rose, semi-double, fine spike.
Regina Victoria. Rosy pink, large bells and truss.

DOUBLE WHITE.

- Anna Maria.** Pale blush, with purple eye.
Bouquet Royal. Pure white.
Duchess de Bedford. Pure white.
La Tour d'Auvergne. Pure white, fine truss.
La Virginite. Fine blush white, good spike.
Non Plus Ultra. White, with blue eye, good spike.
Prince of Waterloo. Pure white, large, handsome truss.
Sceptre d'Or. White, yellow eye, orange scented.

DOUBLE BLUE.

- Blocksberg.** Clear marbled porcelain, large and fine.
Crown Prince of Sweden. Dark lavender blue, fine truss.
Garrick. Lilac-blue, with bright blue stripes, large truss.
General Antinck. Dark porcelain, shaded lilac.
Lord Raglan. Bright dark blue, large compact spike.
Mignon de Dryfhout. Light blue, medium spike.
Othello. Violet black.
Pasquin. Delicate porcelain, with violet eye.
Prince of Saxe Weimar. Dark blue, semi-double, large.



Double Hyacinths.

DOUBLE YELLOW.

- Bouquet d'Orange.** Reddish yellow, medium truss.
Goethe. Pale yellow, good truss, large bells.
Jaune Supreme. Canary yellow, good spike.
Minerva. Orange.
William III. Apricot yellow.

CHOICE NAMED HYACINTHS.

Our Selection of Assorted Varieties, all Named.

Specially adapted to pot and glass culture. State whether Singles or Doubles are preferred

12 distinct sorts for \$1.25, or by mail, \$1.40	50 distinct sorts for.....\$4.50
25 " 2.50, " 2.80	100 " 8.00

UN-NAMED HYACINTHS IN SEPARATE COLORS.

These, as a rule, should not be used for culture in glasses, unless the very strongest bulbs are selected. They will do well, however, in pots, and are the kind invariably used for outside culture. Our Hyacinths, mixed and in colors, are exceedingly fine this season, and we can confidently recommend them as true to color and almost equal to the best named bulbs in quality.

SINGLE HYACINTHS.

	Delivered Free in U. S.		Buyer paying Transit.	
	Each.	Doz.	Doz.	100.
Dark red.....	\$0 07	\$0 80	\$0 70	\$5 00
Light red and rose.....	7	80	70	5 00
Red, all shades..	7	80	70	5 00
Pure white.....	7	80	70	5 00
Blush white.....	7	80	70	5 00
Dark blue.....	7	80	70	5 00
Light blue.....	7	80	70	5 00
Blue, all shades.	7	80	70	5 00
Yellow, all shades.....	7	80	70	5 00
All colors, mixed	7	75	65	4 50

DOUBLE HYACINTHS.

	Delivered Free in U. S.		Buyer paying Transit.	
	Each.	Doz.	Doz.	100.
Dark red.....	\$0 07	\$0 80	\$0 70	\$5 00
Light red and rose.....	7	80	70	5 00
Red, all shades..	7	80	70	5 00
Pure white.....	7	80	70	5 00
Blush white.....	7	80	70	5 00
Dark blue.....	7	80	70	5 00
Light blue.....	7	80	70	5 00
Blue, all shades.	7	80	70	5 00
Yellow, all shades.....	7	80	70	5 00
All colors, mixed	7	75	65	4 50

GRAPE, MUSK AND FEATHER HYACINTHS.



Adapted for permanent beds and edgings and partly shaded situations; they should be massed together to produce effect. Perfectly hardy. Very satisfactory when 6 or 8 are grown in a pot and treated as other Hyacinths for winter blooming.

GRAPE HYACINTHS.

Flower spikes about 6 inches high, with small round bells, arranged so as to resemble a bunch of grapes.

Blue. Two for 5 cts.; 15 cts. per doz.; 80 cts. per 100.

White. 5 cts. each; 20 cts. per doz.; \$1.00 per 100.

MUSK HYACINTHS:

Small purplish flowers, with a strong Musk odor. 15 cts. each; \$1.50 per doz.

FEATHER HYACINTHS:

Feathery plume-like spikes, 9 to 12 inches high. Excellent for the garden. 5 cts. each; 25 cts. per doz.; \$1.25 per 100.

Roman Hyacinths.

IMPROVED EARLY WHITE.

This beautiful and very valuable variety, if planted early in September and gently forced, will bloom in November, or its flowering may be retarded till Christmas by keeping it in a cool place. The flowers, which are smaller than those of the ordinary Hyacinth, are produced in great profusion, each bulb throwing three or four spikes of delicately scented, clear white blossoms.

Mammoth Bulbs. Price, 6 cts. each; 50 cts. per doz.; \$3.50 per 100; \$30.00 per 1000.

Selected Bulbs. Price, 5 cts. each; 40 cts. per doz.; \$3.00 per 100; \$25.00 per 1000.

ROSE OR PINK.

Flowers from two to three weeks later than the White Roman. Price, 5 cts. each; 50 cts. per doz.; \$2.50 per 100.

BLUE.

Similar to the above, of a pale blue color. Price, 5 cts. each; 40 cts. per doz.; \$2.25 per 100.

YELLOW.

Rich canary yellow. Price, 15 cts. each; \$1.50 per doz.

WHITE ITALIAN.

A good forcing variety, somewhat larger than the White Roman. Price, 5 cts. each; 50 cts. per doz.; \$2.50 per 100.

WHITE MOUNTAIN.

The best for forcing. Price, 6 cts. each; 50 cts. per doz.; \$3.00 per 100.

Add 10 cts. per doz. if ordered by mail.

MINIATURE HYACINTHS, OR DUTCH ROMANS.

Suitable for house culture, massed in earthen pans or pots, and usually most satisfactory when grown in assorted colors, which may be selected from the following list. Treat same as other Hyacinths.

Pure White, Blush White, Pink, Dark Red, Light Blue, Dark Blue. Price, 50 cts. per doz., postage paid; \$3.50 per 100, by express.

HYACINTH GLASSES.

Hyacinths grown in glasses of water are charming ornaments for parlor windows, and the ease and success in flowering bulbs in this way add greatly to the popularity of not only Hyacinths, but Polyanthus Narcissus, Amaryllis Formosissima and other bulbs, which can be grown in the same manner; can be used for cut flower vases when desired.

PATENT HYACINTH GLASS.

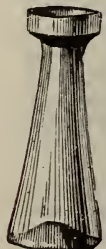
This is in two parts; the inner contains the bulbs and roots, and can be removed without injuring them, to refill with water. 25 cts. each; \$2.50 per doz.

TYE'S SHAPE HYACINTH GLASS.

An improved shape—not so easily tipped over—various colors. 20 cts. each; \$1.75 per doz.

TALL HYACINTH GLASS.

This is a favorite style; they come in various colors. 15 cts. each; \$1.50 per doz.



Tall.



Tye's Shape.



COPYRIGHTED
1893
BY A.B.&CO.



Single Tulips.

If to go by mail, 5 cents per dozen, or 40 cents per 100, must be added for postage. When this is omitted, the quantity ordered will be reduced to cover cost of mailing.

The figures prefixed indicate the height in inches of each variety.

Special prices quoted for quantities of 250 and over.

- † 7 **Artus.** Scarlet, fine bold flower. Each, 3 cts.; doz., 25 cts.; 100, \$1.25.
- 8 **Belle Alliance.** Brilliant, scarlet, fine. Each, 4 cts.; doz., 30 cts.; 100, \$1.75.
- 8 **Canary Bird.** Clear, rich, yellow, early, fine. Each, 4 cts.; doz., 35 cts.; 100, \$2.50.
- 9 **Chrysolora.** Pure yellow, large flower, fine. Each, 4 cts.; doz., 30 cts.; 100, \$2.00.
- 8 **Cottage Maid.** White, bordered with pink, pretty. Each, 4 cts.; doz., 30 cts.; 100, \$2.00.
- 8 **Couleur Ponceau.** White, broad crimson edge. Each, 3 cts.; doz., 20 cts.; 100, \$1.25.

TULIPS.

In beauty of form and brilliancy of color the Tulip casts all other Spring flowers in the shade; nothing can equal its gorgeous appearance in beds, lines or groups in the Spring garden.

For the ornamentation of the conservatory and sitting-room during the Winter and Spring months, the Tulip stands unrivalled, both as regards its rich and diversified colors, easy culture and accommodating habits. It will thrive in almost any soil or situation, and under almost any circumstances.

For planting in the open ground, October and November are the best months; the bulbs should be planted from five to six inches apart, and from three to four inches deep. When grown in pots, they should be potted from three to five, according to size, in a 5-inch pot, the soil and treatment being the same as for Hyacinths.

EARLY SINGLE TULIPS.

We pay particular attention to this important class, and the varieties named below include some of the finest in existence. Those marked (†) bloom simultaneously, about twelve days later than the Duc van Thol varieties.

- 7 **Crimson King.** Crimson. Each, 3 cts.; doz., 20 cts.; 100, \$1.25.
- † 9 **Duchess de Parma.** Orange red, yellow edge, large and fine. Each, 3 cts.; doz., 20 cts.; 100, \$1.25.
- 6 **Duc Van Thol.** Scarlet. Each, 3 cts.; doz., 20 cts.; 100, \$1.25.
- 6 **Duc Van Thol.** Crimson. Each, 3 cts.; doz., 20 cts.; 100, \$1.25.
- 6 **Duc Van Thol.** Rose. Each, 3 cts.; doz., 30 cts.; 100, \$2.00.
- 6 **Duc Van Thol.** White. Each, 4 cts.; doz., 35 cts.; 100, \$2.50.
- 6 **Duc Van Thol.** Yellow. Each, 4 cts.; doz., 35 cts.; 100, \$2.50.
- 6 **Jagt Van Delft.** Pure white. Each, 3 cts.; doz., 25 cts.; 100, \$1.25.
- † 9 **Joost Van Vondel.** Glossy rosy red, with white pencilings, large and fine. Each, 4 cts.; doz., 30 cts.; 100, \$2.00.
- † 10 **Keizerskroon.** Crimson scarlet, margined with yellow, very large and showy. Each, 4 cts.; doz., 30 cts.; 100, \$2.00.

SINGLE TULIPS—Continued.

- 9 **L'Immaculee**. Pure white. Each, 3 cts.; doz., 20 cts.; 100, \$1.25.
- 10 **Pottebakker White**. Pure white, fine large flower. Each, 4 cts.; doz., 30 cts.; 100, \$2.00.
- 10 **Pottebakker Yellow**. Clear yellow, large and showy. Each, 4 cts.; doz., 35 cts.; 100, \$2.50.
- 10 **Pottebakker Scarlet**. Each, 3 cts.; doz., 30 cts.; 100, \$1.75.
- 9 **Prince of Austria**. Orange red, sweet-scented, good for bedding and forcing. Each, 4 cts.; doz., 40 cts.; 100, \$3.00.
- †10 **Prosperine**. Rich, dark rose, splendid large flower. Each, 5 cts.; doz., 40 cts.; 100, \$2.50.
- † 8 **Queen Victoria (La Reine)**. White, tinted with rose. Each, 3 cts.; doz., 25 cts.; 100, \$1.75.
- 8 **Rembrandt**. Crimson, large, handsome flower. Each, 4 cts.; doz., 30 cts.; 100, \$2.00.
- 8 **Rosa Mundi**. Bright rose. Each, 3 cts.; doz., 30 cts.; 100, \$2.00.
- † 6 **Rose Grisdelin**. Delicate rose, shaded white, beautiful. Each, 4 cts.; doz., 35 cts.; 100, \$2.50.
- † 8 **Silver Standard**. Scarlet striped white. Each, 4 cts.; doz., 30 cts.; 100, \$2.00.
- † 6 **Van der Neer**. Purplish violet, large flowers, distinct, fine. Each, 3 cts.; doz., 25 cts.; 100, \$1.50.
- 6 **Vermilion Brilliant**. Glossy bright vermilion, large, fine. Each, 5 cts.; doz., 40 cts.; 100, \$3.00.
- 7 **Wouverman**. Deep violet, splendid large flower. Each, 3 cts.; doz., 25 cts.; 100, \$1.50.
- † 9 **Yellow Prince**. Bright yellow, large and showy. Each, 4 cts.; doz., 30 cts.; 100, \$2.00.
- Extra Fine Mixed Single Varieties**. Each, 3 cts.; doz., 20 cts.; 100, \$1.25; per 1000, \$8.50.
- Good Mixed**. Each, 3 cts.; doz., 15 cts.; 100, 90 cts.; per 1000, \$7.50.

If to go by mail, 5 cents per dozen, or 40 cents per 100, must be added for postage.

DOUBLE TULIPS.

This very useful and beautiful class, while not equal to the single in brilliancy, lasts much longer in bloom. The earlier varieties, such as Duc van Thol, Tournesol and Murillo, are excellent for forcing. Many of the other varieties make a fine display when grown in pots, but they require to be forced slowly. The latter sorts, such as La Candeur, Rex Rubrorum, Yellow Rose, etc., are very effective in beds or borders, producing dense masses of bloom of most brilliant colors, which remain in perfection a long time.

If to go by mail, 5 cents per dozen, or 40 cents per 100, must be added for postage. When this is omitted, the quantity ordered will be reduced to cover cost of mailing.

The figures prefixed indicate the height in inches of each variety.

Special prices quoted for quantities of 250 and over.



Double Early Tulips.

- 9 **Couronne d'Or**. Orange-yellow. Each, 6 cts.; doz., 60 cts.; 100, \$4.50.
- 6 **Duc van Thol**. Red and yellow, fine forcing. Each, 3 cts.; doz., 20 cts.; 100, \$1.25.
- 10 **Duke of York**. Dark rose, bordered with white, very showy. Each 3 cts.; doz., 25 cts.; 100, \$1.75.
- 8 **Gloria Solis**. Rich bronze crimson, with yellow border. Each, 4 cts.; doz., 25 cts.; 100, \$1.50.
- 8 **La Candeur**. Pure white, erect habit, excellent for beds. Each, 3 cts.; doz., 25 cts.; 100, \$1.50.
- 8 **Murillo**. Pale rose and white, distinct and fine. Each, 5 cts.; doz., 50 cts.; 100, \$3.50.
- 9 **Rex Rubrorum**. Bright red, large, showy, excellent for beds. Each, 4 cts.; doz., 40 cts.; 100, \$2.50.
- 12 **Rosine**. Bright rose. Each, 4 cts.; doz., 40 cts.; 100, \$2.50.
- 7 **Salvator Rosa**. Beautiful deep rose, flamed white. Each, 5 cts.; doz., 50 cts.; 100, \$4.00.
- 7 **Titian**. Red, edged with gold. Each, 3 cts.; doz., 25 cts.; 100, \$1.75.
- 8 **Tournesol**. Red and yellow, very beautiful, one of the best for forcing. Each, 4 cts.; doz., 30 cts.; 100, \$2.50.
- 8 **Tournesol Yellow**. Bright golden yellow, very fine, showy flower, forces well. Each, 5 cts.; doz., 50 cts.; 100, \$3.50.
- 10 **Yellow Rose**. Bright golden yellow, large and showy. Each, 4 cts.; doz., 35 cts.; 100, \$2.50.
- Extra Fine Mixed Double Varieties**. Each, 3 cts.; doz., 25 cts.; 100, \$1.50; 1000, \$10.00.
- Good Mixed**. Each, 3 cts.; doz., 15 cts.; 100, 90 cts.; 1000, \$8.00.
- Extra Fine Double Late Flowering, Mixed**. Doz., 20 cts.; 100, \$1.00; 1000, \$9.00.



Parrot Tulip.

PARROT OR DRAGON TULIPS.

A very distinct species, producing brilliantly colored flowers of great size and grotesque shape.

Separate Colors, red, yellow and variegated. Each, 4 cts.; doz., 30 cts.; 100, \$2.00.

Mixed. Each, 3 cts.; doz., 25 cts.; 100, \$1.50; 1000, \$10.00.

SINGLE LATE SHOW TULIPS.

This very beautiful and interesting class of flowers is considerably later than the other sections. They are of taller growth, and adapted for outdoor cultivation only.

Bizarres. Yellow ground, with crimson, red, or white markings. Each, 3 cts.; doz., 25 cts.; 100, \$1.50.

Bybloemens. White ground, with purple, lilac or black markings. Each, 3 cts.; doz., 30 cts.; 100, \$1.75.

Bybloemens. Rose ground, white markings. Each, 3 cts.; doz., 30 cts.; 100, \$1.75.

Scarlet Gesneriana. Flowers of enormous size, on long stems; color, rich crimson scarlet, with glittering blue-black centre. Each, 3 cts.; doz., 25 cts.; 100, \$1.50.

DARWIN TULIPS.

A distinct class of single late flowering Tulips, remarkable on account of their finely-formed large flowers. They surpass in brilliancy anything before known in Tulips, and include almost every conceivable color and shade. Being borne on long stems, they are excellent for cutting to put in vases for house decoration. For bedding or massing, the effect is simply superb.

Best Varieties in Mixture. Each, 5 cts.; doz., 35 cts.; 100, \$2.50.

If to go by mail, 5 cents per dozen, or 40 cents per 100, must be added for postage.

NARCISSUS OR DAFFODILS.

These charming, graceful flowers have had a great revival of popularity in the last few years, and are now prime favorites for early blooming in the garden, and are largely forced by florists for winter flowers. They are bright and hardy (except the Polyanthus sorts), and nearly all are most deliciously fragrant; no flower better deserves its popularity. Of easy culture, they are equally satisfactory for potting and for the open bed and borders, where their rush-like glaucous foliage and white and yellow flowers are very much admired. For their cultivation the soil should be well loosened, so that the roots have perfect freedom in their growth. The planting of bulbs should be deep, and about five to ten inches apart.

After the foliage dies down in the summer, the bulbs should be lifted and replanted in September or October in a different place in the garden; in this way they will thrive and increase from year to year. Everyone should have at least a few of these charming plants.

For house culture plant several bulbs to-



Narcissus, Golden Spur.

gether in a pot and keep in a cool room, give plenty of light and water, and they will bloom from February to April. The Polyanthus varieties are earliest, and best adapted to house culture, but all will do well in pots if not kept too warm and forced too rapidly.

SINGLE NARCISSUS OR DAFFODILS.

If to be forwarded by mail, add at the rate of 10 cents per dozen, to cover postage.

Albicans. Creamy white, with a silvery white trumpet, slightly flushed with primrose, and elegantly recurved at brim. Each, 10c.; doz., \$1.00; 100, \$7.00.

Ard Righ (Irish King). Magnificent golden yellow trumpet; very large and graceful. One of the earliest and finest for forcing. Each, 15c.; doz., \$1.50; 100, \$8.00.

Bicolor Horsfieldii (Queen of Daffodils). Rich golden yellow trumpet; pure white and well expanded perianth; a magnificent flower; fine forcer. Each, 10c.; doz., \$1.00; 100, \$5.00.

Bicolor Empress. Flowers similar to the Horsfieldii, but larger; an excellent forcer. Each, 12c.; doz., \$1.25; 100, \$7.00.

Biflorus. White. Late; fine for planting in grass and wood walks. Each, 3c.; doz., 20c.; 100, \$1.25.

Bulbocodium (Hoop Petticoat). Rich golden yellow; distinct dwarf; free flowering variety. Each, 10c.; doz., \$1.00; 100, \$7.00.

Countess of Annesley. A splendid, large flowering variety, with rich, golden yellow trumpet and sulphur perianth; finest form. Each, 15c.; doz., \$1.50; 100, \$10.00.

Emperor. Flowers of great size and substance, primrose petals, yellow trumpet. Each, 15c.; doz., \$1.50; 100, \$9.00.

Golden Spur. Distinguished by its enormous flower, wide trumpet and rich golden color; fine. Each, 10c.; doz., 90c.; 100, \$7.00.

Grandis. Extra large flower, clear yellow trumpet, white perianth; dwarf habit. Each, 12c.; doz., \$1.25; 100, \$8.00.

Henry Irving. A perfect flower of immense size; rich golden yellow; one of the best for cutting. Each, 10c.; doz., 90c.; 100, \$8.00.

Incomparabilis Cynosure. Bright orange cup, large white perianth; early. Each, 3c.; doz., 25c.; 100, \$1.50.

Incomparabilis Sir Watkin (Giant Welsh Chalice Flower). Golden crown, primrose perianth, largest of all, often over 5 inches across. Each, 12c.; doz., \$1.25; 100, \$9.00.

Leedsii Amabilis. Pure white, star-shaped, sweet-scented flowers; fine for cutting. Each, 5c.; doz., 50c.; 100, \$2.50.

Leedsii Duchesse de Brabant. White perianth, lemon cup; good for forcing. Each, 4c.; doz., 40c.; 100, \$1.75.

Maximus, or Vase of Broken Gold. Very large, rich golden trumpet, fringed. Each, 10c.; doz., 90c.; 100, \$6.50.

Obvallaris Maximus (Tenby Daffodil). Early, bright yellow; dwarf, fine forcer. Each, 6 cts.; doz., 50 cts.; 100, \$4.00.

Pallidus præcox. One of the earliest and loveliest of trumpet Daffodils; delicate pale straw color, passing to white; fine for forcing. Each, 8 cts.; doz., 75 cts.; 100, \$5.00.

Poeticus (Pheasant's Eye). Pure white, with red cup; very fragrant, fine for cutting. Each, 2 cts.; doz., 15 cts.; 100, 75 cts.

Poeticus Ornatus. Same color as *Poeticus*, but the flowers are larger. It is one of the most valuable for cut flowers, being very early and of great beauty and substance. Each, 4 cts.; doz., 30 cts.; 100, \$2.00.


Princeps. Sulphur-yellow perianth and deep-yellow trumpet; long, handsome flower; valuable for forcing or outdoor culture; a splendid variety. Each, 4 cts.; doz., 30 cts.; 100, \$2.00.

Scoticus (The Garland Lily). Large white petals, bright yellow trumpet; prettily fringed. Each, 5 cts.; doz., 30 cts.; 100, \$2.50.

Stella. White star-shaped flowers, with bright yellow cup; very beautiful. Each 3 cts.; doz., 20 cts.; 100, \$1.50.

Trumpet Major. Large, early; deep golden yellow; earliest for forcing. Each, 4 cts.; doz., 30 cts.; 100, \$2.00.

Mixed Single. All sorts. Each, 3 cts.; doz., 25 cts.; 100, \$1.25.

 All the Trumpet Daffodils are valuable for pot culture. They are as easily grown as the Hyacinth, and should be given the same treatment. Plant three roots in a 3 or 4 inch pot.

DOUBLE NARCISSUS OR DAFFODILS.

If to be forwarded by mail, add at the rate of 10 cts. per dozen, to cover postage.

Albus plenus odoratus. Snow white Gardenia-flowered Daffodil, very sweet-scented. Each, 3 cts.; doz., 20 cts.; 100, \$1.25.

Incomparabilis (Butter and Eggs). Rich lemon yellow, with orange nectary. Each, 3 cts.; doz., 25 cts.; 100, \$1.50.

Orange Phoenix (Eggs and Bacon). Beautiful white flowers, with orange center; excellent for cutting or pot culture. Each, 4 cts.; doz., 40 cts.; 100, \$2.50.

Sulphur Crown or Silver Phoenix. Large creamy white flowers, with sulphur nectary; excellent for pot culture. Each, 20 cts.; doz., \$2.00; 100, \$12.00.

Von Sion. The ever popular double yellow Daffodil; rich golden yellow. Each, 3 cts.; doz., 30 cts.; 100, \$1.75.

Von Sion. Large selected "double nosed" bulbs. Each, 4 cts.; doz., 40 cts.; 100, \$3.00.

POLYANTHUS NARCISSUS.

The varieties of this group produce an abundance of large trusses of very sweet-scented flowers, varying in color from pure white to a deep golden-yellow; they are easily cultivated and excellent for pots and forcing. The *Paper White* and *Double Roman* can be forced into bloom by Christmas.

Add 20 cts. per dozen, to cover postage, when ordered by mail.

Paper White. Pure white, free flowering; excellent for early forcing. Each, 5 cts.; doz., 25 cts.; 100, \$1.50.

New Large Flowering Paper White. This new variety is a great improvement on the old Paper White. Each, 5 cts.; doz., 30 cts.; 100, \$1.75.

Early Double Roman. White, with orange centre; very fragrant. Each, 4 cts.; doz., 25 cts.; 100, \$1.50.

Gloriosa. White, with deep orange cups. Each, 5 cts.; doz., 40 cts.; 100, \$3.00.

Grand Monarque. White, with pale yellow cups. Each, 5 cts.; doz., 40 cts.; 100, \$3.00.

Soleil d'Or. Orange, with yellow cups. Each, 5 cts.; doz., 40 cts.; 100, \$3.00.

Grand Primo. White, with citron. Each, 5 cts.; doz., 40 cts.; 100, \$3.00.

Staten General, Creamy white, yellow cup. Each, 5 cts.; doz., 40 cts.; 100, \$3.00.

Mixed. All colors. Each, 3 cts.; doz., 25 cts.; 100, \$1.50.

THE CHINESE SACRED LILY,

or *Oriental Narcissus* (Chinese Grown).

A variety of *Polyanthus Narcissus*, bearing in lavish profusion, chaste flowers of silvery white, with golden yellow cups; they are of exquisite beauty and entrancing perfume. It is grown by the Chinese according to their ancient custom, to herald the advent of their new year, and as a symbol of good luck.

The bulbs are grown by a method known only to themselves, whereby they attain great size and vitality, insuring luxuriant growth and immense spikes of flowers; in fact, the incredibly short time required to bring the bulbs into bloom (four to six weeks after planting) is one of the wonders of nature. "You can almost see them grow," succeeding almost everywhere and with everybody. They do well in pots of

earth, but are more novel and beautiful grown in shallow bowls of water, with enough fancy pebbles to prevent them from toppling over when in bloom. A dozen bulbs started at intervals will give a succession of flowers through the winter.

We are importing direct from China immense bulbs of the true large flowering variety. Price, 10 cts. each; \$1.00 per dozen.

If sent by mail, add 3 cts. per bulb or 30 cts. per dozen, to cover postage.

Glass Bowls for Chinese Lilies, 30 cents each.



Narcissus Paper White Grandiflora.

JONQUILS.

Pretty flowers, prized for their delicate fragrance, graceful habit of growth and profusion of bloom. They are excellent for pot culture, and being perfectly hardy may be planted in open borders, and are exceedingly useful for cutting for bouquets.

Five cents per dozen extra by mail.

Large Single Campernelle, yellow. Each, 2c; per doz., 15c; per 100, \$1.00.

Single Sweet-Scented, deep yellow. Each, 2c; per doz., 15c; per 100, \$1.00.

Double Sweet-Scented, golden yellow. Each, 4c; per doz., 40c; per 100, \$2.50.

CROCUS.

One of our earliest spring flowers, brilliant and universally admired, occupying a prominent place in every garden. When planted in large groups or lines of distinct colors the effect is striking. Flower beds and borders are made very attractive with a few clumps or rows of the different colors. They thrive in any soil or situation, but to be had in the highest perfection they should be grown in a deep, rich, sandy loam, and in a sunny location. Plant two to three inches apart and three inches deep. Best results are obtained from early planting.



Crocus.

HYBRID NAMED CROCUS.

Five cents per dozen extra by mail.

- Albion**, large striped, per doz., 15c; per 100, 75c; per 1000, \$6.00.
Baron Brunnov, large bright purple, per doz., 15c; per 100, 75c; per 1000, \$6.00.
Caroline Chisholm, pure white, per doz., 15c; per 100, 75c; per 1000, \$6.00.
Cloth of Gold and Cloth of Silver, per doz., 15c; per 100, 75c; per 1000, \$4.00.
David Rizzio, dark purple, per doz., 15c; per 100, 75c; per 1000, \$6.00.
La Majesteuse, large white flowers, striped dark lilac, per doz., 15c; per 100, 75c; per 1000, \$6.00.
Mont Blanc, large pure white, per doz., 15c; per 100, 75c; per 1000, \$6.00.
Mme. Mina, violet and white, per doz., 15c; per 100, 75c; per 1000, \$6.00.
Non Plus Ultra, purple, white top, per doz., 15c; per 100, 75c; per 1000, \$6.00.
Othello, dark purple, very fine, per doz., 15c; per 100, 75c; per 1000, \$6.00.
Queen Victoria, pure white, per doz., 15c; per 100, 75c; per 1000, \$6.00.
Sir Walter Scott, white, striped lilac, per doz., 15c; per 100, 75c; per 1000, \$6.00.
Yellow Prince, large, golden-yellow, per doz., 15c; per 100, 75c; per 1000, \$6.00.

MIXED CROCUS.

- Yellow**, large, per doz., 10c; per 100, 50c; per 1000, \$4.50.
Yellow, extra large, per doz., 15c; per 100, 85c; per 1000, \$7.50.
Blue and Purple, per doz., 10c; per 100, 50c; per 1000, \$3.50.
White, per doz., 10c; per 100, 50c; per 1000, \$3.50.
Striped and Variegated, per doz., 10c; per 100, 50c; per 1000, \$3.50.
Mixed, all colors, per doz., 10c; per 100, 40c; per 1000, \$3.25.

ARUMS.

A genus of plants with peculiar and distinct foliage and flowers, useful and effective in subtropical gardening. They are all of easy cultivation, requiring rich soil and plenty of water during the growing season.

Black Calla (*Arum Sanctum*). A remarkable variety from the Holy Land; produces one large flower the shape of a Calla, of a rich, dark purple color, and green underneath. The leaves are large and of a rich, green color, and resemble those of the Common Calla. 15c each; \$1.50 per doz.

Dracunculus (*Dragon Flower*). Flowers one foot long, purple, red and black blue; stem beautifully mottled; handsome foliage, resembling a small palm; very ornamental for pots. 15c each; \$1.50 per doz.

BERMUDA BUTTERCUP OXALIS.

This valuable winter flowering bulb is a selection from *Oxalis Cernua*, cultivated in the favorable soil and climate of Bermuda, until it surpasses the type in strength, size and luxuriance of plant and flower. The flowers are a bright buttercup yellow and are produced in wonderful profusion. This variety is particularly well adapted to shallow pots and hanging baskets. One to six bulbs potted in rich, friable soil, will in about six weeks form a fountain-like mass of foliage and bloom which is certain to please everyone. Place the pot in the cellar or cold dark room for several days to root thoroughly, then remove to window or conservatory. 5c. each; 35c. per doz.; \$2.00 per 100.

CALOCHORTUS.

Butterfly Tulips or Mariposa Lilies.

The flowers resemble a tulip in shape; of many brilliant colors, ranging through various shades of white, lilac, blue, crimson, yellow, etc., some being spotted, veined, edged or tipped with gold. Planted in May in the open border, they flower in June and July. 5c. each; 30c. per doz.; \$2.00 per 100.

LILY OF THE VALLEY.

This universally admired plant is one of the most useful and charming of our Spring flowers. The pure white, delicately scented bell-shaped blossoms are very useful for cutting and favorites with everyone. It is a



Lily of the Valley.

most popular plant for forcing, both with the professional and amateur florist. For the benefit of the latter, the following cultural hints may be found useful.

In the garden, Lily of the Valley succeeds admirably in a rich, loamy or heavy sandy soil, and may be grown in any shady spot, or even under trees if not too shady. For pot culture, set the pips in well-drained pots or flats having the bottoms covered with a layer of fibrous moss or peat, then fill them with sandy soil, slightly mixed with moss. This will hold the moisture, which is essen-

tial to success. Cover the pips to the depth of half an inch, set away in a dark room or cellar, where a uniform temperature of about 70 degrees can be maintained. Leave there for ten days or two weeks, and keep well watered, always using lukewarm water, so as not to chill the roots. Then bring into the light and set in a warm place. In a few weeks the whole will be a mass of flowers. By repeating this process at intervals, a constant succession of bloom is maintained throughout the Winter. Water should never be syringed on the flowers when in bloom, as it will spoil them.

Success in forcing depends largely upon the quality of the pips. Many of them on the market will not produce good blooms. For many years we have enjoyed an enviable reputation for the quality of our pips, and we can recommend them with every confidence.

LILY OF THE VALLEY.

Ready November 15.

If pips are to go by mail, add 10 cents per bundle, or 25 cents per 100, to cover postage.

Elliott's Perfection Pips. These pips are the finest that can be produced, and are specially adapted to early forcing, producing extra large spikes and foliage, even at the earliest forcing. 40 cents per dozen; per bundle, 25 pips, 75 cents; \$2.00 per 100; \$18.00 per 1,000.

Selected German Pips. Three years old, for forcing and pot culture. 3 for 15 cents; 30 cents per dozen; per bundle, 25 pips, 50 cents; \$1.40 per 100; \$12.00 per 1,000.

Large clumps. For open ground planting. 30 cents each; \$3.00 per dozen; or by mail, 45 cent each.

CALLA (Richardia).

Easily cultivated in pots, requiring only rich soil and plenty of water. By allowing them to rest through the Summer, an abundance of bloom may be had the following Winter.

Aethiopica, or Lily of the Nile. The well-known white Calla. First size, 15 cents each; \$1.50 per dozen. Selected roots 25 cents each; \$2.50 per dozen.

Little Gem. A diminutive reproduction of the ordinary Calla; a perfect gem for window culture. 10 cents each; \$1.00 per dozen.

Golden Calla. A rare and most beautiful variety, with primrose colored flowers. 50 cents each.

Spotted Leaf Calla. Although very ornamental as a pot plant, this is really a Summer Calla for garden cultivation; very effective. 15 cents each; \$1.50 per dozen.

LILIES.

Lilium Harrisii. (*True Bermuda Easter Lily.*) *First Size Bulbs.*—(5 to 7 in. in circumference). 10 cents each; \$1.00 per dozen; \$7.00 per 100. (Postage, 1 cent per bulb extra.) Each bulb should produce from 3 to 5 flowers. *Select Size Bulbs*—(7 to 9 in. in circumference) 20 cents each; \$2.00 per dozen; \$14.00 per 100. (Postage, 2 cents per bulb extra.) This is the best size to grow as pot plants for decoration, and equally as valuable for cutting. Each bulb produces from 5 to 8 flowers. *Extra Select Bulbs.*—(9 to 11 inches in circumference). 35 cents each; \$3.50 per dozen; \$26.00 per 100. (Postage, 3 cents per bulb extra.) These extra select bulbs make fine specimen pot plants for exhibition and decoration.

Lilium Auratum. (*The Golden-rayed Lily of Japan.*) We offer fine stock of splendid sound bulbs of this peerless variety, the grandest of all the Lily family. Large size, flowering bulbs, 10 cents each; \$1.00 per dozen; \$7.50 per 100. Extra size, select bulbs, 15 cents each; \$1.50 per dozen; \$10.00 per 100. Mammoth, exhibition stock, 25 cents each; \$2.50 per dozen; \$17.50 per 100.

L. Candidum. The well-known White Garden Lily, one of the best for outdoor decoration; is also largely used for forcing. 12 cents each; \$1.25 per dozen; \$7.00 per 100.

L. Canadense. (*Meadow Lily.*) A native sort, with drooping, bright yellow flowers, spotted red. 10 cents each; \$1.00 per dozen.

L. Elegans. Mixed varieties. Flowers; erect, borne in clusters. Colors comprise shades of yellow and red. 10 cents each; \$1.00 per dozen.

L. Longiflorum. The well-known beautiful, snow-white fragrant Lily; fine for forcing and handsome in the garden. 15 cents each; \$1.50 per dozen; \$8.50 per 100.

L. Superbum. A beautiful native variety; color, yellowish red, spotted. 10 cents each; \$1.00 per dozen.

L. Tenuifolium. One of the earliest to flower, and most excellent for cutting; beautiful scarlet flowers. 25 cents each; \$2.50 per dozen.

L. Tigrinum Splendens. (*Improved Tiger Lily.*) Orange salmon, spotted black. 10 cents each; \$1.00 per dozen.

L. Tigrinum Flore Pleno. (*Double Tiger Lily.*) This is a plant of stately habit growing from 4 to 6 feet high; foliage dark green; very long, bearing an immense number of double bright orange red flowers, spotted with black. 10 cents each; \$1.00 per dozen.

Lilium Speciosum Album. Pure white, very fragrant. 20 cents each; \$2.00 per dozen.

L. Speciosum Rubrum. Rose, spotted with crimson. 15 cents each; \$1.50 per dozen.

L. Speciosum Roseum. White, spotted with rose. 15 cents each; \$1.50 per dozen.



Lilium Harrisii.

L. Album Præcox. Pure white, tinged with pink; beautiful. 30 cents each; \$3.00 per dozen.

L. Monstrosum Album. Distinct variety, having broad flat stems, and immense clusters of pure white flowers. 20 cents each; \$2.00 per dozen.

L. Melpomene. Flowers very large and very abundant, of rich, blood crimson, heavily spotted. 25 cents each; \$2.50 per dozen.



MISCELLANEOUS BULBS



AMARYLLIS.

A most magnificent and interesting plant for pot culture, producing showy flowers that are very attractive and handsome. They should be grown in rich, sandy loam, with good drainage and require abundant moisture when growing, but at their season of rest water should be given sparingly.

Aulica Platypetala (*Lily of the Palace*).

Very large flowers, of a rich deep crimson, shaded with maroon; throat of a pale yellow tint. \$1.00 each.

Belladonna Major (*Belladonna Lily*). Silvery white, flushed and tipped with rose. 30c. each; \$3.00 per dozen.

Equestris (*Barbados Lily*). Bright light scarlet, with bright star-like throat, running into bars in the center of the petals. Free blooming. 20c. each; \$2.00 per dozen.

Formosissima. (*Jacobean Lily*). Scarlet. 12c. each; \$1.25 dozen.

Johnsoni (*Bermuda Spice Lily*). Crimson striped. 50c. each.



Amaryllis Johnsoni.

ZEPHYRANTHES.

"Zephyr Flowers" and "Flowers of the West Wind" are among our most beautiful dwarf bulbous plants, very effective for planting out in masses in May, flowering with great profusion during the summer. They are also suitable for pot culture; giving a fine display of bloom during the winter in the window garden or conservatory.

Atamasco. White, suffused with flesh color. 5c. each, 50c. per dozen; \$3.00 per 100.

Candida. Pure, snow white, large flowers. 5c. each; 50c. per dozen; \$3.00 per 100.

Rosea. Large, rose-colored flowers. 5c. each; 50c. per dozen; \$3.00 per 100.

ALLIUM.

Decorative, hardy, spring flowering bulbs, suitable for the flower border or for rock work, etc.

Aureum. One of the most showy border plants, perfectly hardy, bearing large umbels of golden-yellow flowers. 3c. each; 20c. dozen; \$1.00 per 100.

Neapolitanum. Large umbels of pure white flowers, with green stamens; extensively used for forcing for winter-cut flowers. 3c. each; 25c. per doz.; \$1.25 per 100.

ANEMONES.

The Anemone is unsurpassed among spring flowers for brilliancy of color and profusion and duration of blooming. The plant is very neat and compact in growth, with elegantly lacinated foliage, and produces in great abundance flowers of the most vivid hues of scarlet, blue, purple, self-colored and striped, which have a splendid effect in beds or masses, while for cutting for bouquets or table decoration they are invaluable.

Each. Doz. 100.

Fulgens. Brilliant crimson, with black center, flowering very early in the spring... \$0.04 \$0.35 \$2.50

Fulgens Fl. Pl. A double flowering variety of the above; very beautiful..... 05 50 3.00

Single Finest Mixed... 05 20 1.00

Double Finest Mixed. 05 25 1.50

Japonica Alba. Beautiful fall-blooming perennials, producing pure white flowers on long stems. 10c. each; \$1.00 per dozen.

Japonica Rosea. Like above, but with rose-colored flowers. 10c. each; \$1.00 per dozen.

Japonica Whirlwind. A new semi-double form of Anemone Japonica Alba. In general habit and growth it does not differ from the single, but is even more free blooming. The flowers measure 2½ to 3 inches across, have several rows of petals, and last much longer when cut than the single varieties. 15c. each; \$1.50 per dozen.

AGAPANTHUS UMBELLATUS.

(The Great African Lily.)

Splendid ornamental plants for growing in pots or tubs, to set on the lawn or piazza; bears large clusters of 20 to 30 bright blue flowers that open in succession for a long period during summer and fall. 25c. each; \$2.50 per dozen.

*Chionodoxa.***CHIONODOXA LUCILIAE.**

(Glory of the Snow.)

An exquisite early spring-flowering plant, thoroughly hardy; flowers of a brilliant sky-blue color, with white center. 3c. each; 20c. per dozen; \$1.00 per 100.

CROWN IMPERIALS.

Handsome border plants of stately growth, and perfectly hardy. They will succeed well in free-drained soils, and are very effective planted in clumps in shrubby borders. Mixed varieties, 10c. each; \$1.00 per dozen.

Add for postage 3c. per bulb extra.

COLCHICUM AUTUMNALE.

(Autumn Flowering Crocus.)

A pretty bulb with flowers resembling a Crocus; purple, white striped. The peculiarity of the plant is that the flowers are produced late in autumn, and the leaves appear in the following spring. A very interesting plant. 6c. each; 50c. per dozen. \$4.00 per 100.

By mail, add 3 cts. per bulb.

*Cyclamen Persicum.***CYCLAMEN.**

Among the many charming plants which grace the greenhouse and sitting-room during the spring and winter months, few, if any, are so interestingly pretty and accommodating as the Cyclamen; its neat, chaste, graceful flowers, varying from snow white to crimson, secure for it universal admiration, while the simplicity of its culture brings it within the reach of even those who can command no better accommodation than a sitting-room window.

Cyclamen Persicum Giganteum. Mixed colors. 15c. each; \$1.50 per dozen.

Add for postage, 10 cts. per dozen.

DAY LILIES.

One of the most useful families we have for the decoration of the flower border; thoroughly hardy, and will succeed in almost any soil or situation; they form handsome tufts of leaves and clusters of lily-like flowers of great substance, deliciously scented and exceedingly useful for cutting.

If desired by mail, add 8c. each for postage.

Funkia Grandiflora. Large, pure white flowers and broad, light green foliage. 15c. each; \$1.50 per dozen.

Funkia Variegated. Lilac flowers and handsomely variegated green and white foliage. 15c. each; \$1.50 per dozen.

Hemerocallis Flava. Golden yellow; fine for cutting, 15c. each; \$1.50 per dozen.

ERANTHIS HYEMALIS.

(Winter Aconite.)

One of the earliest harbingers of spring; forming sheets of large, glistening, yellow flowers. It grows freely under deciduous trees, among grass, or, in fact, in almost any location or soil. 3c. each; 25c. per dozen; \$1.00 per 100.

FREESIA.

These are among the most beautiful of all Cape bulbs, possessing a peculiar grace of form, and their fragrance is most delightful, one pot of 5 or 6 bulbs being sufficient to perfume a whole house. As cut flowers they are extremely valuable; the unexpanded blooms opening in water fill the air with the most delicate perfume, and their endurance is really remarkable. They force very easily, and can be had in flower at Christmas, and continue in succession until June.

Refracta Alba. Pure white, delightfully fragrant. First size, 15c. per dozen. \$1.00 per 100. Selected, 20c. per dozen; \$1.50 per 100. Mammoth, 40c. per dozen; \$2.50 per 100.

Leichtlini. Pale yellow, fragrant. 3c. each; 30c. per dozen; \$1.75 per 100.



Gladiolus.

GLADIOLUS COLVILLEI.

Early flowering and fine for pot culture. For cutting purposes they are invaluable, as they will last in water for weeks after being cut, and as the flowers are smaller than autumn-flowering sorts they make up well for bouquets. They are hardier than most of the Gladioli, but will not stand severe winters without covering.

Alba (The Bride). Purest white, very beautiful. 2 for 5c.; 20c. per dozen; \$1.00 per 100.

GLOXINIA.

A superb genus of greenhouse bulbs, producing in great profusion beautiful flowers of the richest and most beautiful colors. They succeed best in sandy loam and peat, and require a moist heat. After blooming, dry off gradually, let the bulb remain in the pot without water, and keep in a warm place until it shows signs of starting again. 15c. each; \$1.50 per dozen.

HELLEBORUS NIGER.

(The Christmas Rose.)

A beautiful, hardy herbaceous plant, flowering early in spring, and if grown in the house or in frames will bloom during the Christmas holidays. The flowers, 2 to 3 inches in diameter, range through all shades of white, red, rose and purple, and are produced in abundance. 30c. each; \$3.00 per dozen.

HYACINTHUS CANDICANS.

If by mail, add 7c. each for postage.

Luxuriant, free-growing, summer-flowering, hardy, ornamental border plants with flower stems 3 to 4 feet high, each bearing from 20 to 30 large white, bell-shaped flowers; of easiest culture and splendid for groups. 5 cents each; 50c. per dozen; \$3.00 per 100.

IXIAS.

These charming, half-hardy bulbs are very ornamental for indoor culture, or planted outdoors in well-drained and protected borders. They are graceful in growth, and the flowers are of the most brilliant, rich and varied hues, and when fully expanded make a charming and effective display. 3c. each; 15c. per dozen; \$1.00 per 100.

ORNITHOGALUM ARABICUM.

The Arabian variety of the "Star of Bethlehem," having large, pure white flowers, with black center, borne in clusters, on a stalk from 15 to 18 inches high. Hardy and showy plants, suitable for the open border. 5c. each; 40c. per dozen; \$2.50 per 100.

OXALIS.

Very pretty plants for pot culture, producing their bright colored flowers in the greatest profusion, which form a fine contrast to their dark green foliage. They should be potted in light porous soil, in September and October.

	Each.	Doz.	100
Alba. White.....	\$0.03	\$0.25	\$1.50
Bowell. Crimson.....	03	25	1.50
Lutea. Large, yellow	03	25	1.50
Lutea, fl. pl. Double,			
bright yellow.....	03	30	1.75
Rosea. Rose color.....	03	25	1.50
Bermuda Buttercup.	05	35	2.00
Mixed Sorts.	03	20	1.00

By mail, postpaid.

*Iris Kämpferi.***IRIS.**

(Rainbow Flower.)

The flowers of this family are the richest and most varied in color of any hardy garden plants, and for cut flowers are invaluable. They have been aptly named the "Orchid of the Flower Garden."

German. 5c. each; 50c. per dozen; \$2.50 per 100.

English. Finest mixed. 5c. each; 25c. per dozen; \$1.50 per 100.

Spanish. Finest mixed colors. 2c. each; 15c. per dozen; 75c. per 100.

Susiana. Blush tinted, netted with dark lines; a remarkable looking and exceedingly handsome flower. 20c. each; \$2.00 per dozen.

Iris Kämpferi. The newer varieties of this class recently introduced from Japan are remarkable for their beauty of coloring and stateliness, each spike bearing two to four enormous blossoms, and each plant sending up ten to twelve spikes.

DOUBLE VARIETIES.

20c. each; \$2.00 per dozen.

Blue Jay. Azure blue, veined and mottled white.

Eclaire. Pure white.

Mt. Fell. Grayish white-veined celestial blue, with blue and yellow center.

Pyramid. Light violet, slightly veined white.

Zenobia. Rich purple, mottled gray.

Mahogany. Mahogany red, large flower.

Double Varieties Mixed. New large flowering sorts. 15c. each; \$1.50 per dozen.

SINGLE VARIETIES.

20c. each; \$2.00 per dozen.

Blue Bird. Clear dark blue.

Como. Reddish amaranth, white center.

Shadow. Indigo blue, with peacock lustre and golden center.

Exquisite. Fine porcelain blue.

Snowbound. Pure white, with golden bands.

Souvenir. Rose pink, veined delicate blue.

Singe Varieties Mixed. New large flowering sorts. 15c. each; \$1.50 per dozen.

LEUCOJUM VERNUM.

(Spring Snowflakes.)

A beautiful early-blooming plant, resembling the Snowdrop, but of taller growth; flowers pure white, with a green spot on each of the petals. 5c. each; 30c. per dozen; 2.00 per 100.

PAEONIAS.

The Herbaceous Pæonias will succeed well in ordinary garden soil, well enriched with good manure. Exceedingly hardy and of easy culture. Double white, crimson, pink and mixed colors. 20c. each; \$2.00 per dozen.

RANUNCULUS.

Exceedingly beautiful flowers, blooming in June, requiring deep, rich loamy soil. Plant late in the autumn, about two inches deep, claws downward, and cover with straw and leaves before winter sets in, so as to protect from frost. They succeed well when cultivated in pots indoors, but should be kept in a cool, moist atmosphere.

Turban or Turkish. Very double and distinctly marked, great variety of color, comprising nearly every shade of white, crimson, yellow, purple, etc. 3c. each; 20c. per dozen; \$1.00 per 100.

Persian. These are as beautiful as the Turkish, but quite distinct, producing smaller flowers and blooming later. 3c. each; 20c. per dozen; \$1.00 per 100.

French. More vigorous in growth and larger flowered than the Persian or Turban. Very beautiful and varied. 3c. each; 20c. per dozen; \$1.00 per 100.

SCILLAS.

Very beautiful early spring-flowering bulbs, of dwarf habit, from 6 to 8 inches in height, with drooping bell-shaped blossoms. They are quite hardy and easily cultivated, growing in any good soil; very suitable for growing in pots.

Sibirica. Blue, very early, 2c. each; 15c. a dozen.; \$75c. per 100.

Peruviana Cœrulea. Large, pyramidal heads of bright blue flowers, excellent for pot culture. 15c. each; \$1.50 per dozen.

Peruviana Alba. Similar to above, with pure white flowers. 30c. each; \$3.00 per dozen.

SPIRÆA.

(*Astilbe.*)

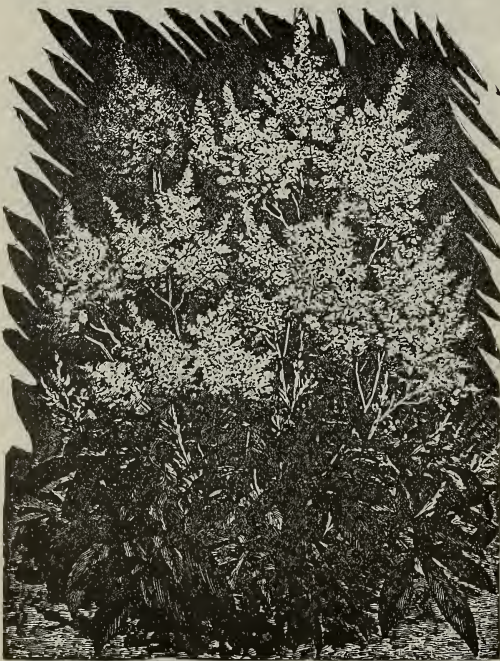
Splendid plants for forcing in the greenhouse or the conservatory, where they produce beautiful sprays of flowers during February and March; they are perfectly hardy, and when planted outside, flower in June. The dark green foliage resembles some of our well-known ferns. Ready in November.

If desired by mail, add 10c. each for postage.

Spiræa Astilboides Floribunda. Very large, pure white plumes, bronzed foliage. 20c. each; \$2.00 per dozen.

Spiræa Japonica. Elegant and graceful; large feathery, pure white, sweet-scented flowers. 15c. each; \$1.50 per dozen; \$6.00 per 100.

Spiræa Grandiflora Compacta. Flowers larger than the above, plants more compact in growth. 20c. each; \$2.00 per dozen.



Spiræa Astilboides.

TUBEROSES.

(Ready in November.)

Excelsior Pearl. Extra large flowering bulbs. 5c. each; 50c. per dozen; \$3.00 per 100.

SNOWDROPS.

These beautiful little snow white flowers, the earliest of all spring-flowering bulbs, are most suitable for planting on margins of beds or borders and on lawns, where a fine effect may be obtained by dibbling holes into the grass, about a foot apart and 4 inches deep, and planting a bulb in each hole. This method of planting will give a splendid effect in spring.

Galanthus Elwesii. (*Giant Snowdrop*).

This is the largest and the earliest of all the snowdrop flowers; nearly three times the ordinary size; is very desirable for forcing and slightly fragrant. 15c. per dozen; \$1.00 per 100.

Single Flowering. 15c. per dozen; 90c. per 100; \$7.00 per 1,000.

Double Flowering. 25c. per dozen; \$1.50 per 100; \$10.00 per 1,000.

SPARAXIS.

These differ from the Ixias in their dwarf habit, time of flowering and brilliancy of coloring, ranging through the various shades of crimson, scarlet and white; mottled, striped and splashed in every conceivable manner. They require similar cultivation to the Ixias. 2c. each; 15c. per dozen; \$1.00 per 100.

VALLOTA PURPUREA.

(*Scarborough Lily.*)

Belongs to the Amaryllis family, and valuable as a conservatory or parlor plant; flowers of a bright, rich red. It does well planted in the open ground in May, and when in bud can be potted and removed for greenhouse decoration. 30c. each; \$3.00 per dozen.



Vallota Purpurea.

HARDY ROSES

For Fall Planting.

Price, 25 cts. each; \$2.50 per doz.

Roses of this class produce the largest and most beautiful flowers, and the varieties offered below are all perfectly hardy, and when thoroughly established they bloom very freely at the usual season, June and July, and at intervals throughout the balance of the Summer and Fall. They should invariably be planted in the open ground, being adapted for outdoor cultivation rather than for house culture.

American Beauty. The largest, sweetest and best of all hardy roses; color a rich rosy crimson, shaded and veined in the most charming fashion, and in fragrance not surpassed by any rose we know.

Caprice. Ground color soft, satiny pink, distinctly striped and dashed with white and carmine; most distinctly marked.

Coquette des Blanches. Pure white; very free blooming.

Gen. Jacqueminot. The most popular of all roses of the hybrid perpetual class; color, rich crimson; of fine shape and exquisite fragrance.

Helen Kellar. Of such extraordinary beauty that failure to please everyone seems impossible; color, a clear bright pink; flowers large and finely made; petals shell-shaped and of great substance.

John Hopper. Flowers are large, very regular and full; color brilliant rose changing to bright glowing pink, shaded with rich crimson; profuse bloomer.

Mme. Plantier. The best hardy white rose; a profuse and continuous bloomer; splendid for cemetery use.

Mme. Gabriel Luizet. A beautiful, elegantly formed rose, full and fragrant; color an exquisite shade of coral rose suffused with lavender and pearl.

Marchioness of Lorne. A remarkably free-flowering variety of an exceedingly rich rosy color, slightly shaded in the center with vivid carmine.

Margaret Dickson. Perfectly hardy and of magnificent form; color a pure waxy white, without spot or blemish; the best white rose yet introduced.

Mrs. R. G. Sharman Crawford. Deep rosy pink; outer petals tinted pale flesh in quite a new and unique shade, base of petals white; large and of perfect form.

Paul Neyron. Bright shining pink, clear and beautiful; no collection complete without this grand rose.

Prince Camille de Rohan. Handsome fragrant flowers of a deep rich velvety crimson, passing to intense maroon shaded black; so dark in color is this variety that it is popularly known as the "Black Rose."

HARDY CLIMBING ROSES FOR OUTDOOR PLANTING.

This class is so well known that it is not necessary to devote space to a long description of these wonderfully beautiful and useful hardy climbers. They are suitable for training on walls, verandas, trellises, arbors and pillars, and as specimen pot-plants for winter forcing. Flowers are well-formed and, though small, are produced in so great profusion as to present an immense mass of bloom.

Price 35 cts. each; three for \$1.00.

Crimson Rambler. A vigorous and rapid grower, frequently making shoots 10 to 15 feet in height in one season. The flowers are produced in trusses, pyramidal in shape, fairly covering the plant with a mantle of vivid crimson, which remains remarkably vivid for many weeks.

Pink Rambler (Euphrosyne). This rose is as charming as any of its rivals, embracing all their good qualities of hardiness, vigorous growth, profuse blooming and delightful fragrance.

White Rambler (Thalia). This charming new rose climbs rapidly, is entirely hardy, produces immense clusters of pure white flowers, perfectly double and of delightful fragrance.

Yellow Rambler (Aglaia). The only hardy yellow climbing rose in cultivation, and, as such, is almost indispensable. It is identical with Crimson Rambler, except flowers, which are deep golden yellow and very fragrant.

Russell's Cottage. Dark rich crimson. Very double and free-blooming.

Baltimore Belle. Pale blush; a vigorous grower and prolific bloomer.

Prairie Queen. Large double flowers of a deep rosy pink and very fragrant.

DECORATIVE PLANTS

For Home and Conservatory Decoration.

ASPARAGUS SPRENGERI. A rapid-growing plant, making great pendulous masses of fine feathery foliage, exceedingly graceful and beautiful. A fine house plant, as it stands a dry atmosphere without injury. Price, from 30c. to \$1.00 each, according to size.

BOSTON FERN. One of the most popular plants now grown. Does well in an ordinary dwelling and on account of its rapid growth makes graceful specimens in a short time. Nice young plants, 35c. each; extra sized plants, \$1.50 each.

JAPANESE FERN BALLS. A unique and handsome ornament and one of the most satisfactory house ferns ever offered. \$1.00 each.

RUBBER PLANTS. We have a splendid stock of these useful and ornamental plants, which will flourish under the most adverse conditions. 50c. to \$2.00 each, according to size.



Araucaria Excelsa.

KENTIA FORSTERIANA. A stronger grower than Belmoreana; fine plants, about 3 ft. high, \$3.00 each; smaller sizes, \$1.00 and \$2.00 each.

KENTIA BELMOREANA. The Kentias are among the best of the Palm species for general cultivation, being almost impregnable against diseases. Graceful habit, bright green foliage gracefully disposed; it scarcely has an equal. Price, strong plants, 2½ to 3 ft. high, \$3.00; 2 ft. high, \$2.00 each.

COCOS WEDDELIANA. This beautiful Palm is admirably adapted for the centers of jardinières and fern dishes, as it retains its freshness for a long time, while for dinner-table decoration it is unexcelled. 10 to 12 ins. high, 75c. each; smaller plants, 35c. each.

ARAUCARIA EXCELSA. Deep green, feathery foliage, arranged in whorls, rising one above the other; very ornamental and does well in the house. Price, \$1.50 and up, according to size.

ASPIDISTRA LURIDA. A beautiful plant with large lance-shaped leaves; the most durable house plant there is. 75c. each.

PANDANUS VEITCHII. A grand decorative plant, with green and creamy white variegated foliage. Should have a place in every collection. Price, \$1.00 to \$3.00 each.

CYPERUS ALTERNIFOLIUS (Umbrella Plant). The leaves radiate from the stem and curve downward in graceful fashion. Most useful, either as an aquarium plant or as an ordinary house plant, succeeding under either culture. Small size, 25c.; large, 50c. each.

LATANIA BORBONICA (Fan Palm). This fine Palm is too well known to need any extended description; its strong constitution and other grand characteristics render it one of the most popular Palms grown. Price, 5-in. pots, \$1.25 each; 6-in. pots, \$2.00 each; 7-in. pots, \$3.00 each.

DRACAENA INDIVISA. Unsurpassed for hardness as a house plant; green and bronze foliage; very graceful. Price, large plants, 50c. and \$1.00 each, according to size; smaller sizes, 25c. and 35c. each.

ARECA LUTESCENS. This majestic Palm is without a peer for elegance. Its dark glossy green leaves are gracefully curved on slender stems, and the entire foliage is gracefully disposed. The trunk and stems are a golden yellow, irregularly spotted with bronzy green, giving it a peculiar charm. Specimen plants, 3 in a pot, 2½ to 3 ft. high, \$3.00 each; 3 in a pot, 2 to 2½ ft. high, \$2.00 each; 3 in a pot, 1½ to 2 ft., high, \$1.00 each. Single plants, according to size, 50c. to \$1.50 each.

Choice Hardy Flowering Shrubs.

Price of the Following Shrubs, except where noted, 30 cts. each.

BERBERIS Vulgaris (European Barberry). A handsome shrub. Yellow flowers, followed in fall with scarlet fruit.

Atropurpurea. A purple-leaved variety of the above.

CALYCANTHUS Floridus (Sweet-scented Shrub). Flowers chocolate color. Fragrant, like strawberries.

CORNUS Alba Sanguinea (White-fruited, red-stemmed Dogwood). Remarkable in winter for the red color of its branches.

CYDONIA Japonica Carnea Fl. Pl. (Japan Quince). Flesh-colored, double flowers, produced early in spring. 50 cts.

DEUTZIA Crenata Fl. Pl. Alba. Flowers double white, tinged with pink. One of the best shrubs in cultivation.

Gracilis. Dwarf, compact, pure white.

FORSYTHIA Viridissima (Golden Bell). The best early-flowering shrub.

HIBISCUS Syriacus Atorubens (Althea, or Rose of Sharon). Very showy purple flowers.

Foliis Variegatus. Variegated foliage, highly ornamented. 35 cts.

HYDRANGEA Paniculata Grandiflora. Immense white flowers. One of the finest shrubs in cultivation.

PHILADELPHUS Coronarius (Mock Orange, or Syringa). Strong growing; pure white, fragrant flowers in June.

PRUNUS Pissardi (Purple-leaved Peum). Foliage and fruit bright purplish red; one of the best purple leaved shrubs, as it retains its color until the very last thing in the fall, which no other shrub does. 50 cts.

RHODODENDRONS. The grandest of hardy evergreen shrubs, in flower and foliage. Colors, rose, crimson, pink, white, lilac, purple and variegated. Plants with 8 to 10 buds, \$1.50; 10 to 15 buds, \$2.00.

SYRINGA (Lilac). The purple sweet-scented variety.

Persica Alba (White Persian Lilac). Beautiful sprays of white flowers; slender, graceful grower.

SPIRÆA Billardii. Pink-flowered; a late blooming species.

Prunifolia Fl. Pl. (Plum-leaved Spiræa). Double white flowers in spiral form.

VIBURNUM Opulus (Snowball). Flowers white; a well-known shrub.

WEIGELA Amabilis. Pink flowers; free bloomer.

Amabilis Alba. White, very showy.

Variegata. Beautiful variegated foliage.

Popular Hardy Climbing Vines.

AMPELOPSIS VEITCHII (Boston Ivy).

One of the finest climbers for covering walls, as it clings firmly to the smoothest surface. In summer the foliage is a rich shade of green, but in the fall it assumes the most gorgeous tints of scarlet, crimson and orange so dazzling as to be seen at a great distance. 15 cts. each; 3 for 35 cts.; 12 for \$1.00, postpaid. Large size, pot-grown plants, 35 cts. each; \$3.50 per doz., by express, at purchaser's expense.

ARISTOLOCHIA Siphon (Dutchman's Pipe). Large, showy, light green foliage, flowers long and pipe-shaped, hence the name. 50 cts.

BIGNONIA Grandiflora (Scarlet Trumpet Vine). A most rapid grower, flowers in large bunches of a rich orange scarlet. 35 cts.

CLEMATIS.

Strong plants, 50 cts. each; \$5 per doz.

Duchess of Edinburgh. One of the best double whites, of vigorous habit; free bloomer and deliciously fragrant.

Henryi. A vigorous grower and a free bloomer, producing its large pure white flowers constantly during summer and early autumn.

Jackmanni. The flowers are large, intense rich velvety violet-purple and are produced in such masses as to form a cloud of bloom.

Madame Baron-Veillard. Like the Jackmanni in habit and make-up, except that the flowers are a satiny lavender-pink; entirely distinct from any other variety, and charming in effect.

Madame Edouard Andre. Of the Jackmanni type and the nearest approach to a bright red that has yet appeared.

Paniculata. Flowers pure white, Hawthorn-scented, and borne in great masses of panicles or clusters, so profuse as to fairly cover the plant with a sheet of fleecy white.

HONEYSUCKLES.

25 cts. each, \$2.50 per doz.

Hall's Japan. A strong-growing, almost evergreen sort with pure white flowers changing to yellow; very fragrant and covered with flowers from July to November.

Chinese Evergreen. A favorite old-fashioned Honeysuckle, prized for its profusion of bloom and delicate perfume; has dense almost evergreen foliage.

CHINESE WISTARIA.

One of the most beautiful of all Wistarias; a vigorous, strong-growing vine, producing in early summer a great profusion of large clusters of lovely, rich, violet-blue flowers, deliciously sweet and exceedingly handsome. 15 cts. each, 3 for 40 cts., postpaid; large plants, 35 cts. each, \$3.50 per doz.; by express, at purchaser's expense.

SMALL FRUITS.

We cannot accept orders for Small Fruit or Nursery Stock that amount to less than One Dollar.

STRAWBERRIES.

Pot-grown plants, if planted in the Fall, will furnish a good crop of large, fine berries the following season.

PRICES: Pot-grown plants, 75c. per doz.; \$3.50 per 100. Layer plants, can be had either in Fall or Spring, 30c. per doz.; \$1.50 per 100.

Pot-grown plants cannot be mailed. If layer plants are to be sent by mail, add 20c. per 100 for postage.

Beder Wood. Very early, productive; large, conical, bright red color; excellent quality.

Brandywine. Large, roundish conical, glossy crimson, firm and solid, of fine aromatic flavor.

Clyde. Very regular, bright scarlet berries; large, and of excellent flavor. Plants remarkably healthy, vigorous and productive.

Excelsior. Very early, large good color, firm and of fine quality.

Gandy. Large, very uniform in size and shape, of bright crimson color, very firm and of good quality.

Gladstone. Large, early and of good quality; color red, with red flesh; solid.

Glen Mary. A superb variety which unites large size, great productiveness and good quality; bright glossy crimson, and fine in flavor. The plant is strong and healthy, very prolific.

Marshall. A superb variety of large size and fine flavor; dark crimson when fully ripe, handsome and good.

Nick Ohmer. Very large, dark glossy red, firm and excellent; vigorous and productive.

Pride of Cumberland. Ripens one week earlier than Gandy, is nearly as large, equally as firm, as good a color and a great deal more productive.

Sharpless. Berries large, somewhat irregular in shape, crimson, moderately firm and of good quality.

If a larger list of varieties is required, see our Strawberry Catalogue, which will be sent on application.

RASPBERRIES.

PRICES: Per doz., 50c.; per 100, \$3.00.

If to be sent by mail, add 15c. per doz., or 50c. per 100, for postage.

Black Varieties: Gregg, Ohio, Palmer, Souhegan, Red Varieties: Cuthbert, Marlboro, Miller, Turner.

Golden Queen. The best Yellow Raspberry yet introduced; of large size, hardy and productive.

BLACKBERRIES.

PRICES: Per doz., 50c.; per 100, \$3.00.

If to be sent by mail, add 15c. per doz., or 50c. per 100, for postage.

Early Harvest, Erie, Kittatinny, Wilson, Jr.

CURRENTS.

One year old, 75c. per doz.; \$3.00 per 100. Two-year-old, \$1.00 per doz.; \$5.00 per 100.

One year old plants can be sent by mail; postage, 15c. per doz.

Fay's Prolific. The best Red Currant grown; fruit large, bright red, of good flavor, and very free from acid; has given general satisfaction everywhere.

Red Cherry. A popular market variety, on account of its large-sized, deep red fruit.

White Grape. The best white variety; large, handsome berries.

Black Naples. Fruit large, handsome and highly flavored.

GOOSEBERRIES.

Two-year-old plants, too large to mail.

	Each	Per doz.	Per 100
Columbus	\$0 30	\$3 00	
Red Jacket.....	25	2 50	
Keepsake.....	25	2 00	
Downing	10	1 00	\$7 00
Houghton.....	10	1 00	5 00
Industry.....	25	2 50	

GRAPES.

Postage, 15c. per doz., 50c. per 100, for one year old; 25c. per doz., \$1.00 per 100, for two-year-old, if to go by mail.

	One year.		Two year.	
	Each	Doz.	Each	Doz.
Agawan.....	\$0 15	\$1 25	\$0 20	\$1 50
Brighton.....	15	1 25	20	1 50
Concord	15	1 25	20	1 50
Delaware	20	1 50	25	2 00
Eaton....	25	2 00	30	2 50
Early Ohio.....	30	2 50	40	3 50
Green Mountain....	30	2 50	40	3 50
Lady	20	1 50	25	2 00
Martha	20	1 50	25	2 00
Moore's Diamond....	20	1 50	25	2 00
Moore's Early	15	1 25	20	1 50
Niagara	15	1 25	20	1 50
Salem.....	20	1 50	25	2 00
Wilder	20	1 50	25	2 00
Woodruff.....	25	2 00	30	2 50
Worden	15	1 25	20	1 50

FOREIGN GRAPE VINES FOR GROWING UNDER GLASS.

Black Varieties. Black Hamburg, Barbarossa, Gros Colman, Lady Downe's Seedling, Black Muscat.

White and Yellow Varieties. Buchland Sweetwater, Duchess of Buccleuch, Chaselas de Fontainebeau, Foster's Seedling, Golden Hamburg.

One year old vines, \$1.00 each; \$10.00 per doz. Strong two-year-old vines, \$2.00 each; \$20 00 per doz.

FLOWER SEEDS

For Fall and Winter Sowing.

(FOR FULL LIST AND DESCRIPTION, ETC., SEE SPRING CATALOGUE.)

FOR GREENHOUSE OR INDOOR CULTURE.

	Per pkt.
<i>Asparagus Plumosus Nanus</i>	\$0 25
<i>Sprengeri</i>	25
<i>Begonia</i> , Laing's tuberous-rooted, single, mixed.....	50
Laing's tuberous-rooted, double, mixed.....	75
<i>Vernon</i>	10
<i>Browallia Elata Grandiflora</i>	5
<i>Czerwiakowski</i>	10
<i>Calceolaria Hybrida Grandiflora</i> , mixed.....	50
<i>Rugosa</i> (shrubby), mixed.....	50
Carnation, finest mixed.....	25
<i>Centaurea Candidissima</i>	10
<i>Gymnocarpa</i>	10
<i>Cineraria Hybrida Grandiflora</i> , mixed.....	25
Extra fine mixed (semi-dwarf).....	50
Double mixed.....	50
<i>Cobæa Scandens</i>	10
<i>Cyclamen Persicum</i> , finest mixed....	10
<i>Giganteum</i> , finest mixed.....	25
" separate colors, each..	35
<i>Gloxinia</i> , finest mixed.....	25
<i>Heliotrope</i> , finest mixed.....	10
<i>Impatiens Sultani</i>	15
<i>Lantana</i> , finest mixed.....	10
<i>Maurandia</i> , finest mixed.....	10
<i>Mignonette</i> , Elliott's Mammoth.....	10
<i>Machet</i>	10
New York Market, the finest exhibi- tion variety; saved only from the main spikes.....	50
<i>Mimulus Tigrinus</i> (<i>Monkey Flower</i>)	10
<i>Moschatus</i> (<i>Musk Plant</i>).....	10
<i>Petunia</i> , large flowering, single, fringed.....	25
Large flowering, double, fringed.....	50
<i>Primula</i> , Fringed Chinese, single, white.....	25
Fringed Chinese, single, red.....	25
" " " mixed.....	25
" " double, mixed.....	75
<i>Obconica</i>	10
<i>Pyrethrum Aureum</i>	10
<i>Smilax</i>per oz., 75c.	10
Stocks, ten weeks, large flowering, mixed.....	10
New dwarf <i>Snowflake</i> , pure white	15
<i>Verbena</i> , Elliott's Mammoth, mixed	10
<i>Vinca Rosea</i> , <i>Alba Pura</i> , <i>Alba</i> , each	10

FOR SOWING OUTDOORS OR IN FRAMES.

	Per pkt.
<i>Alyssum Saxatile Compactum</i>	\$0 05
<i>Antirrhinum Majus</i> , fine mixed.....	05
<i>Aquilegia</i> , double mixed.....	05
<i>Auricula</i> , choice mixed.....	25
<i>Aristolochia Siphon</i>	10
<i>Bellis Perennis</i> , fl. pl., mixed (<i>Double Daisy</i>).....	10
<i>Alba</i>	10
<i>Longfellow</i>	15
<i>Snowball</i>	15
<i>Campanula Calycanthema</i>	10
<i>Media</i> (<i>Canterbury Bells</i>).....	05
<i>Candytuft Perennial</i>	10
<i>Coreopsis</i> (<i>Golden Glory</i>).....	10
<i>Cowslip</i> , mixed.....	05
<i>Delphinium Formosum</i>	05
<i>Nudicaule</i>	10
<i>Hybridum</i> , double, mixed.....	05
<i>Dianthus Gardnerianus</i> , mixed.....	05
<i>Plumarius</i> (<i>Pheasant's Eye Pink</i>)	05
<i>Scoticus</i> , double, mixed.....	50
<i>Digitalis</i> (<i>Fox Glove</i>), mixed.....	05
<i>Gypsophila Paniculata</i>	05
<i>Hollyhock</i> , double, white.....	10
Double, dwarf white.....	15
" rose.....	10
" yellow.....	10
" crimson.....	10
" mixed.....	10
<i>Lobelia Cardinalis</i> (<i>Cardinal Flower</i>)	10
<i>Lychnis Calcedonica</i>	05
<i>Myosotis Alpestris</i> , blue (<i>Forget-me-not</i>).....	05
<i>Dissitiflora</i>	10
<i>Alpestris Victoria</i>	10
<i>Palustris</i>	10
<i>Pansy</i> , Elliott's Finest Blended....	25
<i>Giant Trimardeau</i> , mixed.....	10
<i>Bugnot's</i> superb blotched, extra large flowering.....	25
<i>Pentstemon</i> , finest mixed.....	10
<i>Phlox Decussata</i> , mixed.....	10
<i>Polyanthus</i> , finest mixed.....	25
<i>Poppy</i> , <i>Oriental</i> Hybrids.....	15
<i>Sweet Peas</i> , Elliott's Rainbow Mix- ture, per oz., 15c.; ¼ lb., 30c.; 1 lb., \$1.00.....	10
<i>Sweet William</i> , single, mixed.....	05
" double, mixed.....	10
<i>Viola Odorata</i> (<i>Sweet Violet</i>).....	10
<i>Wallflower</i> , single, mixed.....	05
Double, mixed.....	10

VEGETABLE SEEDS

For Fall Sowing in Frames or Open Ground.

All Vegetable Seeds in packages, ounce and $\frac{1}{4}$ lb., mailed free at Catalogue Prices.

When bulk quantities are ordered by mail, add 8c. per lb. on quantities of $\frac{1}{2}$ lb. and over; also Peas and Beans, 15c. per quart; Corn, 10c. per quart.

BEANS.

Early Red Valentine, qt., 25c.; peck, \$1.75.
Early Mohawk, qt., 25c.; peck, \$1.75.
Golden Wax, qt., 25c.; peck, \$1.50.
Refugee, qt., 25c.; peck, \$1.75.

BET.

Egyptian, pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.
Eclipse, pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.
Early Blood Turnip, pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.

CABBAGE.

Select Early Jersey Wakefield, pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.
Improved Early Summer, pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.
Early Winnigstadt, pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.
Excelsior Late Flat Dutch, pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.
All Seasons, pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.
Red Dutch, pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.
Perfection Drumhead Savoy, pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.50.

CARROT.

Early French Forcing, pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.
Early Scarlet Horn, pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.
Danver's Half Long, pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.
Improved Long Orange, pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

CAULIFLOWER.

Early Snowball, pkt., 25c.; oz., \$2.25.
Half Early Paris, pkt., 10c.; oz., 60c.
Algiers, pkt., 15c.; oz., 60c.

CUCUMBER.

Nichol's Medium Green, pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.
Improved Early White Spine, pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.
Green Prolific, pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

EGG PLANT.

New York Improved, pkt., 10c.; oz., 40c.; $\frac{1}{4}$ lb., \$1.00.
Black Pekin, pkt., 10c.; oz., 50c.; $\frac{1}{4}$ lb., \$1.50.

ENDIVE.

Green Curled, pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.50.
Broad-leaved Batavian (Escarolle), pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.50.

KALE or BORECOLE.

German Greens or Winter "Sprouts," pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.
Brown German Curled, pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.
Green Curled Scotch, pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

LETTUCE.

Rawson's Hothouse, pkt., 10c.; oz., 50c.
Early Curled Simpson, pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.
Black Seeded Simpson, pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.
Tennis Ball (black seeded), pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.
Boston Market, pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.
Big Boston, pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.
Paris White Cos, pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.25.

ONION.

Extra Early Red, pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.
Wethersfield Large Red, pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.
Yellow Globe Danvers, pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.
White Portugal, Silver Skin, pkt., 5c.; oz., 25c.; $\frac{1}{4}$ lb., 75c.; lb., \$2.75.
Red Globe, pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00.
Giant Rocca, pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.50.
Early Queen, pkt., 5c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.25.

PARSLEY.

Moss Curled, pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.
Fern Leaved, pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

PEAS.

(Price per bushel on application.)

Elliott's Earliest Market, qt., 25c.; pk., \$1.25.
American Wonder, qt., 30c.; pk., \$1.50.
Improved Daniel O'Rourke, qt., 20c.; pk., \$1.00.
Philadelphia Extra Early, qt., 20c.; pk., \$1.00.
McLean's Advancer, qt., 25c.; pk., \$1.25.
Bliss' Abundance, qt., 25c.; pk., \$1.25.
Bliss' Everbearing, qt., 30c.; pk., \$1.75.
Champion of England, qt., 20c.; pk., \$1.00.
Yorkshire Hero, qt., 25c.; pk., \$1.25.
The Queen, qt., 30c.; pk., \$1.50.
Black-eyed Marrowfats, qt., 20c.; pk., 75c.

RADISH.

Rapid Forcing, pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 25c.; lb., 80c.
Long Scarlet Short Top, pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.
Early Scarlet Turnip, pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.
French Breakfast, pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.
White Tipped Scarlet Turnip, pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 50c.
Scarlet China Winter, pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.
Long Black Spanish, pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

VEGETABLE SEEDS—Continued.**SPINACH.**

Bloomsdale Savoy Leaved, pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 35c.

Round Leaf, pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 35c.

Large Round Leaf Viroflay, pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 35c.

Prickly, pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 35c.

TURNIP.

Extra Early Purple Top Munich, pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c.

Red Top Strap Leaf, pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.

Early White Strap Leaf, pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.

Purple Top White Globe, pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.

Golden Ball, pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.

Rutabaga, Improved American Purple Top, pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 50c.

**ELLIOTT'S SUPERIOR MUSHROOM SPAWN.**

Ten pounds will spawn about ten feet square.

Mushroom beds may be made in a warm dry cellar or in any building where the frost does not penetrate, and in the open air during the summer and fall months. Having procured the spawn, the next thing to be attended to is to make preparations for the beds. About a fortnight or three weeks before the beds are to be made, collect a quantity of fresh horse manure without the straw; place it in a heap under cover, and as it heats keep turning it over once or twice a week, until the fiery heat has been exhausted, which will require from ten to fourteen days' time. When the manure is in a condition to be made up, lay out your bed according to your requirements, say 3 feet wide, 10 feet long and from 2 to 3 feet deep; beat it well down with the back of the spade as the process of building goes on. When the bed has been made some time, say a week or thereabouts, and the heat sufficiently declined to a temperature of 65 or 75 degrees, the Spawn may be put into it. Break the Spawn in pieces 2 inches square, and put them 6 inches apart, all over the bed, then cover the bed with two inches of rich soil, the stronger the better, but of a loamy quality, beating it down firmly

with a spade. The soil used for this purpose should be in a pliable condition, and not too wet or over-dry. Cover the bed with a foot of dried straw or hay; examine once a week to see if the manure is not heated while in this condition; if so, it will destroy the Spawn, which will require spawning a second time. If everything goes on well, you may expect mushrooms in about five or six weeks. When the soil looks dry, give a gentle watering with tepid water, using a rose on the watering pot. If the beds are made out of doors, protect them from rain by covering them with shutters or sashes. Good crops of mushrooms can be obtained by spawning the hot-beds in spring. They can also be raised in pots, boxes or, in fact, in anything capable of keeping the materials together, and placed in a cellar, closet, greenhouse or grapery.

English Spawn. Per lb., 15c.; 8 lbs., \$1.00.
French Spawn. In boxes of 3 lbs., \$1.25 each.

If to go by mail, 10 cents per lb. must be added, for postage.

Mushrooms: How to Grow Them,
sent, postpaid, on receipt of 10 cents.

Grasses and Clover Seeds.

Prices Subject to Market Changes.

Creeping, Bent or Fiorin (*Agrostis stolonifera*). Desirable for mixing with other lawn or pasture grasses, as it thrives in moist land, on which water does not stagnate. (15 lbs. per bus.) Lb., 25c.; 100 lbs., \$22; bus., \$35.00.

Crested Dog's Tail (*Cynosurus cristatus*). Should enter in moderate quantity in permanent pasture mixtures, and in larger quantities for lawns, as it possesses, in a marked degree, all the desirable features of a good lawn grass. (21 lbs. per bus.) Lb., 40c.; 100 lb., \$35.00; bus., \$7.50.

Hard Fescue (*Festuca duriuscula*). A dwarf-growing grass of great value, succeeding well in dry situations. Has a wonderful root formation, forming a dense fibrous mat. (12 lbs. per bus.) Lb., 25c.; 100 lbs., \$20.00; bus., \$2.50.

Hungarian Grass (*Panicum Germanicum*). A species of annual millet, often yielding two or three tons of hay per acre. (48 lbs. per bus.) Lb., 10c.; 100 lbs., \$2.50; bus., \$1.25.

Italian Rye Grass (*Lolium Italicum*). Thrives in any soil and yields early and abundant crops. Sown in the fall, will produce an excellent hay crop the following season, but lasts only one year. (18 lbs. per bus.) Lb., 12c.; 100 lb., \$10.00; bus., \$2.00.

Kentucky Blue Grass (*Poa pratensis*). This is the most nutritious, hardy and valuable of all northern grasses. In conjunction with white clover, it forms a splendid lawn. (14 lbs. per bus.) Lb., 15c.; 100 lbs., \$12.00; bus., \$1.75.

Meadow Fescue, or English Blue Grass (*Festuca pratensis*). This is an excellent grass, of great value in mixtures for permanent pastures; productive and nutritious. (23 lbs. per bus.) Lb., 15c.; 100 lbs., \$14.00; bus., \$3.25.

Meadow Foxtail (*Alopecurus pratensis*). One of the best permanent pasture grasses for rich moist land; grows rapidly when cut or eaten down by stock. (7 lbs. per bus.) Lb., 30c.; 100 lbs., \$25.00; bus., \$2.00.

Orchard Grass (*Dactylis glomerata*). One of the very best pasture grasses, as it is exceedingly palatable to stock, and will endure a good deal of cropping; particularly adapted for growing in shady, moist places or under trees. (14 lbs. per bus.) Lb., 18c.; 100 lbs., \$14.00; bus., \$2.00.

Perennial Rye Grass (*Lolium perenne*). Valuable for permanent pasture, in mixture with other pasture grasses, as it adapts itself to a great diversity of soils; produces a strong, verdant growth four or five weeks after sowing. (24 lbs. per bus.) Lb., 10c.; 100 lbs., \$8.00; bus., \$2.00.

Red Top (*Agrostis vulgaris*). A good, permanent grass, standing our climate well, and makes good pasture when fed close; grows in almost any soil, moist or dry. (14 lbs. per bus.) Lb., 10c.; 100 lbs., \$8.00; bus., \$1.25.

Fancy Heavy Red Top. Absolutely clean and free from chaff. (32 lbs. per bus.) Lb., 18c.; 100 lbs., \$16.00; bus., \$5.50.

Rhode Island Bent Grass (*Agrostis canina*). Resembles Red Top, but is of dwarfer habit, with shorter and narrower leaves. It makes a beautiful, close, fine turf, and is one of the very best grasses for lawns. (14 lbs. per bus.) Lb., 30c.; 100 lbs., \$25.00; bus., \$4.00.

Rough-Stalked Meadow Grass (*Poa trivialis*). A spreading, thickly-matting, stoloniferous rooted species, forming a fine turf, and well adapted for the more shaded portions of lawns. (14 lbs. per bus.) Lb., 40c.; 100 lbs., \$35.00.

Sheep's Fescue (*Festuca ovina*). A small, tufted, hardy grass, forming a cluster of narrow, cylindrical leaves, of value in mixture for lawns or dry soil. (12 lbs. per bus.) Lb., 25c.; 100 lbs., \$20.00; bus., \$2.50.

Sweet Vernal Grass. TRUE PERENNIAL. (*Anthoxanthum odoratum*). The chief merit of this grass lies in its fragrant odor. As a mixture for lawns and pasture lands it is invaluable. (10 lbs. per bus.) Lb., 70c.; 100 lbs., \$60.00; bus., \$6.50.

Tall Meadow Oat Grass (*Avena elatior*). A valuable grass for soiling or permanent pasture; of early and luxuriant growth. (10 lbs. per bus.) Lb., 25c.; 100 lbs., \$20.00; bus., \$2.25.

Timothy (*Phleum pratense*). A field and not a pasture grass, as it will not endure close and frequent cropping; but for a hay crop on strong soils, it will produce more than any other sort. (45 lbs. per bus.) Lb., 10c.; 100 lbs., \$7.00; bus., \$3.25.

Wood Meadow Grass (*Poa nemoralis*). Specially adapted for shaded positions in lawns or under trees. (14 lbs. per bus.) Lb., 40c.; 100 lbs., \$35.00; bus., \$5.00.

CLOVERS.

Crimson, or Scarlet (*Trifolium incarnatum*). An annual variety, in common use in the south, for feeding green and for hay, and also found very profitable on the sandy soils of New Jersey. The yield in fodder is immense, and after cutting, it at once commences growing again, continuing until severe cold weather. Sow 10 to 12 pounds per acre. Lb., 15c.; 100 lbs., \$12.50.

Alfalfa (*Lucerne*). Requires a deep, rich soil, and in such will produce several large crops every season. Sow 10 to 15 pounds per acre. Lb., 15c.; 100 lbs., \$10.00.

Alsike Clover (*Trifolium hybridum*). Resembles in growth, duration, etc., the Red Clover, thrives well in cold, wet and stiff soils. Ten pounds to the acre. Lb., 18c.; 100 lbs., \$12.00.

Medium Red Clover (*Trifolium pratense*). Is a perennial, but of very few years' duration; is considered the most nutritious of all species, and most valuable in moist locations. Lb., 15c.; 100 lbs., market price.

White Clover (*Trifolium repens*). Valuable for lawns and pastures. Sow in spring at the rate of six pounds per acre, or when used with other grasses half that amount. Lb., 25c.; 100 pounds, market price.

GRASSES AND FORAGE PLANTS. By Charles L. Flint. Description of varieties and directions for the management of grass-lands, etc. Price, \$2.00.

For Lawn Mixtures, see second page cover.

Horticultural Tools and Requisites

Baskets, Rustic Hanging, each, 10 in., \$1.25; 12 in., \$1.50; 14 in., \$1.75.

Bellows, Double Cone, each \$3.00.

" **Large Single Cone,** with Spreader, each, \$2.00.

" **Small Single Cone,** each, \$1.00.

" **Liquid Atomizer,** large, each, \$2.00. small, " \$1.25.

" **Sulphur,** each, \$1.75.

Canes, Bamboo. From 5 to 8 feet in length, but easily cut to any desired size; doz., 20c.; 100, \$1.25; 1000, \$9 00.

Cocoa Nut Fibre Refuse. Per peck, 35c.; per bush., \$1.00.

Flower Pots, Standard.

Diam.	Capacity.	Per 100.
2¼ inch.	Thumb.....	\$0 85
3 "	Gill.....	1 25
4 "	Half Pint.....	2 00
5 "	Pint.....	2 75
6 "	Quart.....	4 25
7 "	Three Pints.....	6 50
8 "	Half Gallon.....	9 00
10 "	Two Gallons.....	18 00
12 "	Four Gallons.....	30 00

Forks, Digging or Spading, each 75c.—\$1.00.

" **Hay or Stable,** each, 50c.—75c.

" **Manure,** long and short-handled, each 75c.—\$1.00.

Fruit Pickers. Wire, without pole, each, 75c.



Fumigator Eureka.

	Each.
No. 1— Holds ½ peck stems..	\$1 60
No. 2— Holds 1 " " ..	2 00
No. 3— Holds ½ bush. " ..	2 50
No. 4— Holds ¾ " " ..	3 50

Fumigator Perfection.

The newest and most durable fumigator on the market.

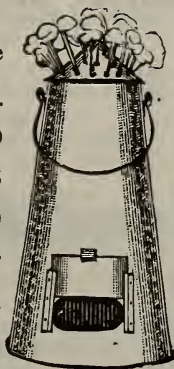
	Each.
No. 1— Holds 1 peck stems ..	\$3 00
No. 2— Holds ½ bush. " ..	3 75
No. 3— Holds ¾ " " ..	4 50

Gardener's Gloves, per pair, \$1.00.

Garden Lines. Finest braided, 75 feet, 50 cts.

Garden Pencils. Wolf's Indelible Black, each, 15c.

Glass Cutter. Ebony handle, (genuine diamond). Each, \$3.00.



Glazing Points, van Reyper's Perfection. Per 1000, 60c.; by mail, 75c.

Pincers for driving above, each 50c.

Grafting Wax. ¼ lb., 10c.; ½ lb., 20c.; 1 lb., 30c. If by mail, add 16c. per lb., for postage.

Hoes, Draw or Corn. From 5 in. to 8 in., each, 50c.

" **Scuffle or Push.** From 4 in. to 10 in., each, 40c. to 80c.

" **Warren.** Medium size, 60c.; large, 70c.

Hose Nozzles. Boss. Changeable from stream to spray, each, 90c.

Hose Nozzles. Boston, each, 75c.

" **Child's Rainmaker,** each, 50c.

Hose Menders. Cooper's Patent. Brass. Requires no wiring. ¾ in. size, per doz., 75c.; each, 10c.

Hose Rubber. Our celebrated brand, "Standard," never fails to give satisfaction; in 25 ft. and 50 ft. lengths; coupling complete, per ft., 12c.

Knives, Asparagus. English, each, \$1.25. American, each, 30c.

" **Budding and Pruning.** From \$1.00 to \$2.00 each.

Labels, Wooden Pot and Garden—

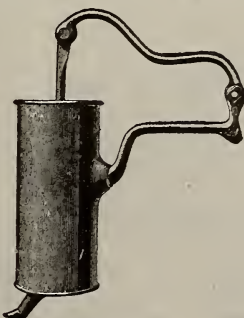
	—Plain—		—Painted—	
	Per 100	Per 1000	Per 100	Per 1000
3½ inch.....	\$0 10	\$0 40	\$0 10	\$0 65
4 "	15	60	15	90
4½ "	15	80	20	1 00
5 "	15	90	20	1 25
6 "	20	1 00	25	1 35
6x1 "	35	2 50		
7x1 "	40	3 00		
8x1 "	50	3 50		
12x1¼ "	50	4 50	60	5 00

Labels, Wooden Notched Tree—

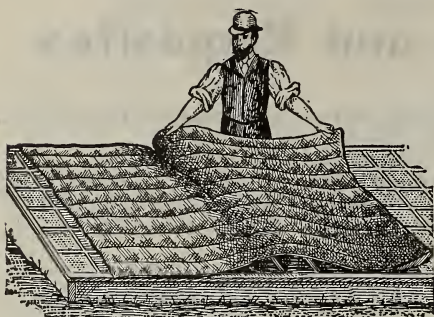
	—Plain—		—Painted—	
	Per 100	Per 1000	Per 100	Per 1000
3½ inch.....	\$0 10	\$0 60	\$0 15	\$0 90
6 "	20	1 50	25	2 00
3½ " copper-wired	30	1 75	35	2 25
3½ " iron-wired	20	1 25		

Lawn Rakes. See under Rakes.

Mastica. For glazing greenhouses, sashes, etc. Elastic, adhesive and easy to apply; far superior to putty. Per gal., \$1.25.



Mastica Machines. For applying above, each, \$1.25.



Mats for Hotbeds, etc. Made of jute, thickly padded with waste wool and cotton; warmer and less bulky than straw mats. Size, 76x76 in., \$1.00 each; \$10.00 per doz.

Mats, Waterproof Duck. Same as above, but covered with waterproof duck. Size, 76x76 in., \$2.00 each; \$22.00 per doz.

Mats, Straw. Size, 6 ft. x 6 ft. \$1.75 each; \$20 00 per dozen.

Mole Trap, Isbell. Acknowledged by all who have given it a trial the best trap ever invented. Each, \$2 00.

Moss, Sphagnum. Useful for mixing in soil for potting, mulching, etc. Fresh moss, \$1.75 per bbl; dry moss for packing, etc., \$1.50 per bbl.

Plant Stakes.

Round Green Tapering (Light):

1½ feet.....	per doz., \$0 20; per 100, \$1 00
2 "	" 30; " 2 00
2½ "	" 40; " 2 50
3 "	" 50; " 3 00
3½ "	" 60; " 4 00
4 "	" 70; " 5 00
5 "	" 80; " 6 00

Round Green Tapering (Heavy):

3 feet.....	per doz., \$0 70; per 100, \$5 00
4 "	" 90; " 6 00
5 "	" 1 10; " 8 00
6 "	" 1 30; " 10 00

See also Canes, Bamboo, page 27.

Raffia. For tying. Per lb., 20c.; 5 lbs, 80c.

Rakes, Garden.

Steel, 6 teeth, 35c.; 8 teeth	\$0 40
" 10 " 45c.; 12 "	50
" 14 " 55c.; 16 "	60
Short Tooth, steel, 10 teeth, 40c.; 12 teeth, 45	
" " 14 " 50c.; 16 "	55
Hay, wooden, 3 bow, 12 teeth.....	30
Lawn, wooden, 3 bow, 22 teeth.....	35

Saws, Pruning. 16 in. to 20 in. 60c. to 80c.

Scissors, Grape. Best English. \$1.00 to \$1 25.

Flower Gatherers. For cutting and holding the flower. \$1.00 to \$1.50.

Pruners, Waters' Longhandled Tree. 4 ft., 75c. each; 6 ft., 85c. each; 8 ft., \$1 00 each; 10 ft., \$1.15 each; 12 ft., \$1.25 each. Extra blades, 20c. each.



Shears, Grass Border. 8 in., \$2.25 each; 9 in., \$2.50 each; 10 in., \$2 75 each.



German Pruning. 8 in., \$1 30 each; 9 in., \$1 60 each.

Hand Pruning (Wiss.) 7¼ in., \$1.50 each; 8¼ in., \$1 80 each; 9 in., \$2.00 each.

Hedge. (With notch, 25c. extra.) \$1.75 to \$2.25.

Sheep. For trimming grass. Each, 75c.

Shovels, Ames Best Cast Steel. Square and diamond pointed; long or short handles, \$1.25 each.

Smilax Twine. Green. Per ball, 10c.; doz., \$1.00.

Spades, Ames Best Cast Steel. \$1.25 each. Post Hole. Concave. \$1.50 each.

Sprinklers, Rubber. Straight or angle neck. \$1.00 each; if by mail, 10c. postage. See also under Bellows.

Syringes, No. 12, 14-in. barrel, 1 in. diameter, 1 stream, 2 spray..... \$3.50
No. 11, 18-in. barrel, 1½ in. diameter, 1 stream and 2 spray 4 50

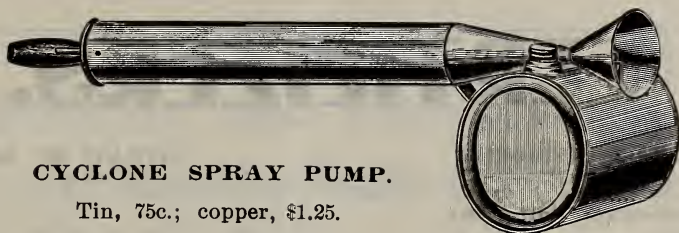


Length of barrel, 18 in. Diam. 1½ in.

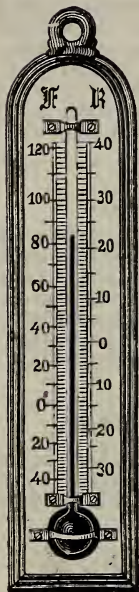
No. 5, best conical valve, 18x1½ in. 6 00

No. 6, large size, 1 spray, rose and angle joint, turning in all directions for washing under the leaves, etc..... 7 00

Brass Garden, with wooden plunger, 17x1¼ in 1 25

**CYCLONE SPRAY PUMP.**

Tin, 75c.; copper, \$1.25.



Thermometers, Self-Registering. Registers both heat and cold; you can tell exactly how hot or cold it has been; it is easily reset by the aid of a horse-shoe magnet, which accompanies each. \$3.25 each.

Greenhouse Distance. An unusually plain readable porcelain scale, ranging from 20 to 100 degrees, red spirits, \$1.00.

No. 4, **Parlor.** Boxwood case, metal scale, 12 inch, 50c.

No. 5, **Ebony.** Porcelain scale, red spirits, 8 in., \$1.00; 10 in., \$1.50; 12 in., \$2.00; 14 in., \$2.50.

No. 6, **Plate Glass Back.** With brass supporters, allowing free circulation of air; 8 in., \$1.50; 10 in., \$1.75.

No. 7, **Ordinary Japanese Tin Cases** (*not guaranteed*); 7 in., 15c.; 8 in., 20c.; 10 in., 25c.; 12 in., 30c.

No. 9, **Hot-bed and Mushroom-bed.** Brass mounted and tipped, made especially for plunging, \$2.00.

Elliott's Long Distance, 8 in.....each, 15c.

Incubator.....each, 5°c.

POTTING MATERIALS.

Prepared Potting Soil, for general use. Per peck, 25c.; per bush., 75c.; per bbl., \$2.00.

Leaf Mold. Per peck, 30c.; per bush., 90c.; per bbl., \$2.25.

Fibrous or Rooted Sandy Peat. Per peck, 30c.; per bush., 90c.; per bbl., \$2.25.

Cocoanut Fibre Refuse. Per peck, 35c.; per bush, 1.00; per bbl., \$25.00.

Tree Tubs, Cedar.

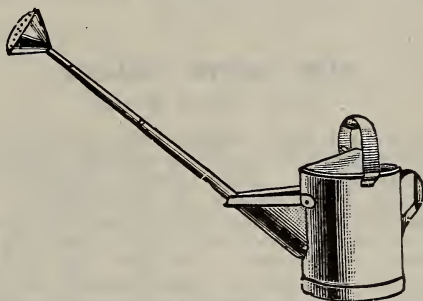
	Diam. Top.	Outside.	Height Outside.	
No. 1.....	28	inches.....	22	inches..... \$7 00
No. 2.....	26	".....	20	"..... 6 00
No. 3.....	24	".....	18½	"..... 5 00
No. 4.....	22	".....	17	"..... 4 00
No. 5.....	20	".....	16	"..... 3 50
No. 6.....	18½	".....	15	"..... 3 00
No. 7.....	16½	".....	14	"..... 2 50
No. 8.....	15½	".....	13	"..... 2 25

Trowels, Solid shank, cast steel. 50c. each.

WATERING POTS.—GALVANIZED

Philadelphia Pattern, with Two Roses.

Substantial and recommended for constant use



	Round.	Oval.
6 quarts.....	\$1 75	\$2 00
8 ".....	2 00	2 25
10 ".....	2 25	2 50
12 ".....	2 50	2 75

Special low pattern for watering near the glass, 4 quarts, each, \$1.50.

Violets.

Prices: Young plants, 10 cts. each; \$1.00 per dozen. Strong plants, specially grown for winter blooming, 25 cts. each; \$2.50 per dozen.

Double Russian. Perfectly hardy, and the only variety that should be planted in the open ground for spring flowering, as it needs no protection during winter.

Marie Louise. The well-known double, light purple variety.

Lady Hume Campbell. A vigorous variety, blooming with extraordinary freedom; large double flowers of azure blue; richly perfumed.

California. A very large single variety, with deep purple fragrant flowers.

Luxonne. The finest single variety grown; is of a beautiful rich, soft violet-purple color, with strong stout stems, and very fragrant.

Princess of Wales. Not quite as large as Luxonne and a shade lighter in color; intensely fragrant.

FERTILIZERS.

ELLIOTT'S INVIGORINE.

Odorless, Convenient, Quick Acting. A Food for Lawns and Golf Links.

The increasing demand for a Lawn and Golf Dressing that is odorless, safely applied and quick in effect, has compelled us to take up this important matter and give it a close study, which we have done, and we are pleased to state that in the production of Elliott's Invigorine we have produced a Lawn and Golf Fertilizer that has no equal, being convenient, portable and clean, inducing a rapid, rich green growth and a most velvety appearance. This preparation is in every way more desirable than manure, avoiding the unsightly litter, disagreeable odor and weed seeds, which cause an endless annoyance. Should be sown broadcast in Spring or Fall, or may be applied in mid-summer without injury to the grass.

Quantity required: 10 lbs. for a plot of 300 square-feet; 1,000 to 1,500 lbs. per acre in preparing new lawn, or one-half to two-thirds the quantity in renovating an old lawn.

Price, 4 lbs., 25 cts.; 10 lbs., 50 cts.; 50 lbs., \$1.75; 100 lbs., \$2.75; 200 lbs., \$5.25; 1 ton (2,000 lbs.), \$50.00.

PURE SHEEP MANURE.

Ram's Head Brand.

This is a pure Natural Manure, and the most nutritious food for plants. Its effect is immediate; much more lasting and healthy than guano. It is the best of all manures for mixing with the soil for greenhouse plants—one part of manure and six parts soil. Strewn over and dug into the vegetable garden, or placed directly in drills or hills, it promotes a rapid, steady growth until maturity. It makes the richest, safest, and quickest Liquid Manure. For use in liquid form, 1 pound to 5 gallons of water will make a dark liquid, which can be used with safety daily if necessary. In bags of 100 pounds each, \$2.00; ¼ ton, 5 bags, \$9.00; per ton, 20 bags, \$30.00. In packages of 2, 4 and 10 pounds, 15 cts., 25 cts., and 50 cts. each.

COMPRESSED SHEEP MANURE.

Used chiefly for making liquid manure. In bags of 100 lbs., each, \$2.00; ¼ ton, 5 bags, \$9.00; per ton, 20 bags, \$30.00.

ASHES, UNLEACHED (Canada Hardwood).

Contain all fertilizing qualities except nitrogen. Highly valued for cabbage, potatoes, onions, strawberries, fruit trees, corn, clover, beans, grass land, etc. Apply 1 to 2 tons per acre. Price per bbl. about 200 lbs., \$2.25; per ton (2000 lbs.) in bbls., \$20.00.

NITRATE OF SODA.

This is valuable solely for the nitrogen it contains, equal to 20 per cent. of ammonia. It is very quick in action and hastens the maturity of crops fully two weeks. Being extremely soluble, it should not be applied until the plants are above ground, when 100 to 500 pounds per acre, mixed with wood ashes or land plaster, for convenience in applying, are generally used. Price per 5 lb. package, 30 cts.; 10 lb. package, 50 cts.; per 100 lbs., \$4.00.

CLAY'S FERTILIZER.

We have been appointed Sole Agents for this valuable important manure, which is constantly increasing in popularity. It is specially recommended to all who grow either fruit, flowers or vegetables, and wish to bring them to the highest perfection. Per cwt. (112 lbs.), \$7.00; ½ cwt. (56 lbs.) \$4.00.

CRUSHED OR COARSE BONE.

Excellent for graperies, etc., where more permanent results may be obtained than from use of fine bone. 100 lbs., \$2.50; 200 lbs., \$4.75.

PURE FINE GROUND BONE.

This is a very pure, finely pulverized form of ground bone, specially prepared for rose culture. It is well adapted for mixing with soil for potting purposes, in the proportions of one part bone to 50 of soil. 2 lbs., 15 cts.; 4 lbs., 25 cts.; 10 lbs., 50 cts.; 50 lbs., \$1.50; 100 lbs., \$2.50; bag (200 lbs.), \$4.25; ton, \$38.00.

ELLIOTT'S CONCENTRATED PLANT FERTILIZER.

A natural food for growing plants either in the window or outdoor garden. Endorsed by leading amateur and professional florists throughout the country. Full directions for using accompany each package. Large package, 25 cts.; small package, 15 cts. If to be sent by mail, large package, 45 cts.

BOWKER'S AMMONIATED FOOD FOR FLOWERS.

A fertilizer largely soluble in water, free from odor and clean to handle. Made expressly for flowers grown in the house or garden. It produces a healthy, luxuriant growth, and induces early and generous flowering, and cannot in any way harm the plants if applied according to directions, which are very simple and accompany each package. Small size, 15 cts.; by mail, 25 cts.; large size, 25 cts.; by mail, 35 cts.

Insecticide and Fungicide Preparations



Bordeaux Mixture. For all fungoid diseases, such as mildew and various rots of grapes, etc. Prepared by adding one gallon of mixture to 49 gallons of water. 1 gal. can, \$1.25; 5 gal. can, \$5.00.

Copperdine. A remedy for fungoid diseases of plants, particularly for grapes, curing downy and powdery mildew, black rot, scab, etc. 1 gal. jug, \$1.50.

Fir Tree Oil. One of the most reliable for red spiders, green fly, mealy bug, caterpillars, slugs, blight, etc. Dilute with water, and apply with ordinary syringe or bellows, or by dipping the plants. Per pt., 75 cts.; qt., \$1.40; half gal., \$2.50; gal., \$4.25.

Fir Tree Oil Soap. Useful on greenhouse and garden plants, killing red spider, mealy bug, aphids, etc. In the vegetable garden for potato bugs, cabbage worms, etc.; on trees for caterpillars, etc. Does not injure fruit or foliage, and there is not the slightest danger of poisoning from fruit or vegetable where it is used. Per ½ lb. tin, 25 cts.; 2 lbs., 75 cts.; 5 lbs., \$1.75; 10 lbs., \$3.25; 20 lbs., \$6.00.

Fostite. A powder easily applied with a powder gun or bellows. An excellent preventive for all fungoid diseases; mildew, black rot, rust, leaf blight, etc., also effective as an insect destroyer. 5 lb. package, 50 cts.; 25 lb. box, \$2.00.

Gishurst Compound. An English preparation for green fly, scale, bark lice, mealy bug, red spider, etc. Dissolve in water and apply with syringe. Per lb., box, 50 cts.; 3 lb. box, \$1.00.

Grape Dust. A preparation to kill the destructive mildew that strikes the grape vine; also for like use upon any other plants or trees affected with mold, mildew or rust mites, either in greenhouses or the open air. 5 lb. pkg., 35 cts.; kegs of 100 lbs., \$5.00.

Hellebore. Powdered White Hellebore, for rose slugs, currant worms, etc. Dust on with gun or bellows while the foliage is moist. Per lb., 25 cts.

Lemon Oil. A comparatively new insecticide, making a sweet-smelling, milk white, soapy wash, that may be trusted in the hands of the most careless operator, be perfectly safe and perfectly harmless to the tenderest foliage and roots. Destroys mealy bug, scale, thrip, red spider, black and green fly, caterpillar, etc. Directions on each can. ½ pt., 25 cts.; pt., 40 cts.; qt., 75 cts.; ½ gal. \$1.25; gal., \$2.00.

Nikoteen. Is the cheapest, cleanest and most effective of insecticides, and will not injure or discolor delicate plants. It is composed of that element in tobacco which give it its value as an insecticide and nothing else. The best extracts of tobacco contain from 1½ to 2½ per cent. of nicotine; this preparation contain 40 per cent. of nicotine, and one case of ten bottles is equivalent to two thousand pounds of stems, or twenty-five gallons of tobacco extract. Bottle, \$1.50. Vaporizing pans, \$1.50 each; three for \$4.00.

Nikoteen Aphis Punk. The most convenient way of applying an insecticide ever yet devised. No pans required—no heating of iron—no trouble—cannot injure the most sensitive blooms—very effective. Price, 60 cts. per box of 12 rolls. By mail, 75 cts.

Paris Green. (New Process). Lighter, giving more bulk per pound; also far more soluble than ordinary grades. 1 lb., 35 cts.; ½ lb., 20 cts.; ¼ lb. 15 cts.

Slug Shot. Destroys all insects injurious to house and garden plants, vegetables and fruits of all kinds. Equals Paris green where used liberally without the danger from poison. Prices: 5 lb. pkg. 25 cts.; 10 lb. 45 cts.; per bbl. of 235 lbs., 4 cts. per lb.

Sulphur, Powdered. A staple preventive for mildew on grapes, roses, etc. Lb., 10 cts.; 10 lbs., 60 cts.; 25 lbs. and over, 5 cts. per lb.

Tobacco Stems for Fumigating. Clean and free from rubbish. In bales of 100 lbs., \$1.50 each; 500 lbs., \$6.00.

Tobacco Dust. If dusted on while the foliage is moist, it destroys rose lice, cabbage and turnip fleas, etc. Spread upon the ground it keeps off earth insects and acts as a fertilizer. Per lb., 10 cts.; 5 lbs., 35 cts.; 10 lbs., 60 cts.; 100 lbs., \$3.00.

Tobacco Soap. (Rose Brand). Makes an excellent wash for plants and trees infested with green fly, lice and eggs of insects. Dissolve 2 oz. in a gallon of water. ½ lb. tins, 25 cts.

Whale Oil Soap. Makes an excellent wash for trees and plants; kills insects and eggs on the bark. Per lb., 15 cts.; 5 lbs., 60 cts.; 25 lbs., and over, 10 cts. per lb.

HOW TO DESTROY INSECTS, on plants and flowers in the garden and the house. A useful book, 25c.

INDEX.

BULBS.

PAGE		PAGE		PAGE	
Agapanthus.....	15	Helleborus	16	Narcissus, Chinese.....	9
Alliums.....	14	Hyacinthuscandicans.....	16	Ornithogalum.....	16
Amaryllis.....	14	Hyacinths, named	2, 3	Oxalis	11, 16
Anemones.....	14	“ collection.....	4	Pæonies.....	17
Arums.....	11	“ mixed	4	Ranunculus	17
Callas, Black	11	“ Roman.....	5	Scilla	17
Calla, White.....	11	“ Italian.....	5	Snowdrops.....	18
Calochortus.....	11	“ Grape.....	4	Sparaxis	18
Chionodoxa.....	15	“ Feather.....	4	Spiræa	18
Colchicum.....	15	“ Musk.....	4	Tulips, double.....	7
Crocus.....	11	“ Miniature.....	5	“ single.....	6, 7
Crown Imperial.....	15	Iris	17	“ Parrot.....	8
Cyclamen.....	15	Ixias	16	“ Darwin.....	8
Daffodils.....	8, 10	Jonquils.....	10	“ Bybloemens.....	8
Eranthis	15	Leucojum.....	17	“ Bizarres.....	8
Freestias	16	Lilies	19	“ mixed.....	7
Funkias	15	Lily of the Valley.....	12	Tuberose	18
Gladiolus.....	16	Narcissus, single	9	Vallota purpurea.....	18
Gloxinias.....	16	“ double.....	9	Zephyranthes.....	14
		“ Polyanthus ..	9		

PLANTS.

Ampelopsis.....	21	Dracænas.....	20	Roses.....	19
Clematis.....	21	Hydrangeas.....	21	Rubber Plants	20
Cyperus Alternifolius.....	20	Palms	20	Shrubs, Hardy Flowering	21
Decorative Plants.....	20	Pandanus.....	20	Small Fruits	22
				Violets	29

SEEDS.

Beans.....	24	Endive	24	Onion.....	24
Beets	24	Flower Seeds.....	23	Parsley.....	24
Cabbage.....	24	Grass Seed	26	Peas.....	24
Clover.....	26	Kale.....	24	Radish	24
Carrot.....	24	Lawn Grass.....	2d cover	Ruta Baga	25
Cauliflower.....	24	Lettuce.....	24	Spinach.....	25
Cucumber.....	24	Mushroom Spawn	25	Turnip	25
Egg Plant.....	24				

SUNDRIES.

Baskets, Hanging, Rustic	27	Lily Bowls	10	Stakes, Green Painted....	28
Cocoanut Fibre.....	27	Mastica.....	27	Stakes, Plant.....	28
Fibrous Peet	29	Mole Traps.....	28	Shears.....	28
Fertilizers.....	30	Mats, Straw	28	Syringes.....	28
Flower Pots.....	27	“ Burlap	28	Thermometers	29
Food for Flowers.....	30	Powder Bellows	27	Tools, etc	27, 29
Fumigators.....	27	Pruning Saws.....	28	Tree Pruners	28
Fungicides	31	Raffia.....	28	Tree Tubs	29
Glazing Points	27	Rubber Sprinklers.....	28	Tying Material.....	28
Hyacinth Glasses	5	“ Hose	27	Wood Labels	27
Insecticides.....	31	Rakes.....	28	Watering Pots	29
Knives	27	Sphagnum Moss	28	Wax, Grafting	27
Lawn Invigorators.....	30	Scissors.....	28		

HITCHINGS & CO.

(ESTABLISHED 1844.)

LARGEST MANUFACTURERS
OF

**Greenhouse Heating and
Ventilating Apparatus.**



Horticultural
Architects . .
and
Builders. . .



SECTIONAL TUBULAR BOILERS AND CORRUGATED FIRE-BOX
BOILERS FOR LARGE GREENHOUSES, GRAPERIES, ETC.

Base Burning Water Heaters for Small Greenhouses, Conservatories, Etc.



Range of Five Rose Houses, each 300 feet long, erected by Hitchings & Co., at Norton, Conn.

Greenhouses, Graperies, Rosehouses, Conservatories, Etc.

CONSTRUCTED WITH IRON RAFTERS, PURLINS, BRACKETS AND COLUMNS,
Making Light, Strong and Durable Structures.

Estimates furnished for Houses complete, or for the Structural Iron Work only, with
Plans, Details and full instructions, to enable local builders to erect same.

SEND 5 CENTS POSTAGE FOR ILLUSTRATED CATALOGUES.

HITCHINGS & CO., 233 Mercer St., New York.

Elliott's Flowering Bulbs

Lily of the Valley Elliott's Perfection

12 for 40c.; 25 for 75c.; 100 for \$2.00; delivered free in the
United States.